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indexes to

WHERE TO FIND ASME TRANSACTIONS

INDEXES TO ASME PAPERS AND PUBLICATIONS

INDEX TO MECHANICAL ENGINEERING

INDEX TO TRANSACTIONS OF THE ASME

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indexes to 1977 publications

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Where You Will Find ASME Transactions

In United States and Territories SR-1

In Other Countries SR-4

Indexes to ASME Papers and Publications SR-6

Regular Society Publications, 1977 ..... SR-6

Publications Issued in 1977 ..... SR-6

How to Find Papers Presented at 1977 ASME Meetings SR-6

Currently Available ASME Publications SR-6

Periodicals SR-16

ASME Miscellaneous Papers, 1976 ..... SR-17

Index to Mechanical Engineering, 1977 ..... SR-35

Index to Transactions of the ASME, 1977 ..... SR-125

Where You Will Find the ASME Transactions

In United States and Territories

ALABAMA

Auburn.....Auburn University
Main Library
Library, Dept. of Mech. Engrg.
Birmingham.....University of Alabama in Birmingham
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Main Library
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San Luis Obispo
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Varsi Library
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San Diego.....San Diego State University
Library—Serials Department
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Main Library—Serials Dept.
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Engineering Library
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Libraries—Serials Department
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Library
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Library
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Cleveland State University
Library
Mechanical Engineering Dept. Library
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University Libraries—Aquisitions Dept.
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Library—Periodicals Dept.
Engineers Club of Dayton
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Library—Acquisitions Dept.
Serials Dept.
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Library
Mechanical Engineering Dept. Library

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Library
Mechanical Engineering Dept. Library

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Engineering Library
Mechanical Engineering Library

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The Library
Mechanical Engrg. Dept. Library

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Cambridge.....University of Cambridge
Liverpool.....City of Liverpool—Libraries
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Christchurch.....University of Canterbury

SCOTLAND

Glasgow.....Mitchell Library

SOUTH AFRICA

Cape Town.....University of Cape Town
Jagger Library

TURKEY

Istanbul.....Bogazici Universitesi

Index to ASME Papers and Publications

Volume 99, 1977

This and the following pages will serve as a guide to the current publications of the ASME.

REGULAR SOCIETY PUBLICATIONS, 1977

MECHANICAL ENGINEERING, monthly
ASME Transactions, quarterlies
Series A, *Journal of Engineering for Power*
Series B, *Journal of Engineering for Industry*
Series C, *Journal of Heat Transfer*
Series E, *Journal of Applied Mechanics*
Series F, *Journal of Lubrication Technology*
Series G, *Journal of Dynamic Systems, Measurement and Control*
Series H, *Journal of Engineering Materials and Technology*
Series I, *Journal of Fluids Engineering*
Series J, *Journal of Pressure Vessel Technology*
Series K, *Journal of Biomechanical Engineering*
Applied Mechanics Reviews, monthly
Applied Mechanics Reviews, Annual Index, 1976

PUBLICATIONS ISSUED IN 1977

Books and Reports

The Mechanics of Viscoelastic Fluids-AMD-Vol. 22
1977 Biomechanics Symposium-AMD-Vol. 23
Passenger Vibration in Transportation Vehicles-AMD-Vol. 24
Computing Methods in Geophysical Mechanics-AMD-Vol. 25
Computational Methods for Fluid-Structure Interaction Problems-AMD-Vol. 26
Finite Elasticity-AMD-Vol. 27
1977 Advances in Bioengineering
Failure Prevention and Reliability
Interactive Computer Graphics in Engineering
Finite Element Applicatons in Vibration Problems
Cavitation and Polyphase Flow Forum
Condensation in High Speed Flows
Noise and Fluids Engineering
Heat Transfer in Energy Conservation
Heat Transfer in Solar Energy Systems
Symposium on the Thermal and Hydraulic Aspects of Nuclear Reactor Safety
Volume 1 - Light Water Reactors
Volume 2 - Liquid Metal Fast Breeder Reactors
Effects of Melting and Processing Variables on Mechanical Properties of Steels, Series MPC-6
Fractu Toughness of Heavy-Wall Welded Tankage Steel, Series MPC-5
Wear of Materials-1977
SI-7 ASME Text Booklet, SI Units in Heat Transfer
Ocean Energy Resources, OED-Vol. 4
ASME Steam Tables - Third Edition
ASME Steam Tables in SI (Metric) Units for Instructional Use
Fatigue Life Technology
Turbomachinery Developments in Steam and Gas Turbines
Composites in Pressure Vessels and Piping, Series PVP-PB-021
Design Criteria of Boilers and Pressure Vessels-1977
Dynamic Analysis of Pressure Vessel and Piping Components, Series PVP-PB-022
Failure Data and Failure Analysis: In Power and Processing Industries, Series PVP-PB-023
Fluid-Structure Interaction Phenomena in Pressure Vessel and Piping Systems, Series PVP-PB-026
Numerical Modeling of Manufacturing Processes, Series PVP-PB-025
Third International Conference on Pressure Vessel Technology:
Part I - Analysis, Design and Inspection
Part II - Materials and Fabrication
Part III - Discussions
Pressure Vessels and Piping/Computer Program Evaluation and Qualification, Series PVP-PB-024
Disposal of Industrial Wastes by Combustion, Present State-of-the-Art - Volume III
Present Status and Research Needs in Energy Recovery from Wastes - Proceedings of the 1976 Conference
Companies Holding Boiler and Pressure Vessel Certificates of Authorization for Use of Code Symbol Stamps - 1977 Edition
Design Criteria of Boilers and Pressure Vessels-1977
Proposed Section XI-Division 2, Rules for Inspection and Testing of Components of Gas-Cooled Plants
Proposed Section XI-Division 3, Rules for Inspection and Testing of Components of Liquid Metal Cooled Plants

HOW TO FIND PAPERS PRESENTED AT 1977 ASME MEETINGS

The technical programs of the meetings of the Society and of its Professional Divisions have been published in MECHANICAL ENGINEERING and may be located by consulting the index on page SR-35. Many of these papers will be published in MECHANICAL ENGINEERING or the *Transactions* and may be located by reference to the indexes of these publications. A free, up-to-date edition of the ASME Technical Papers Catalog is available on request. Xerox copies of out-of-print technical papers may be purchased from the Engineering Societies Library, 345 E. 47th St., New York, N. Y. 10017, Phone (212) 644-7611.

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In order to expedite European orders for the ASME Boiler and Pressure Vessel Code and related titles, special arrangements have been made with the British Standards Institution, (T.H.E.) Maylands Avenue, Hemel Hempstead, Herts HP 2 4SQ, England, to stock and sell these titles.

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AMERICAN NATIONAL STANDARDS

Elevators, Plumbing and General Standards

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A17.1-1971 Elevators, Dumbwaiters, Escalators and Moving Walks (With Supplements a to f), Book No. A00047, L-$19.00, M-$15.20
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A17.1c-1974 Supplement only, Book No. A00074, L-$2.25, M-$1.80
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A40.8-1955 National Plumbing Code (Withdrawn by ANSI), Book No. L00010, L-$6.75, M-$5.40
A90.1-1976 Safety Standard for Manlifts, Book No. B00008, L-$4.50, M-$3.60
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A112.19.3-1976 Stainless Steel Plumbing Fixtures (Designed for Residential Use), Book No. J00050, L-$4.50, M-$3.60

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A112.21.2-1971 Roof Drains, Book No. J00002, L-$2.75, M-$2.20
A112.21.3-1976 Hydrants for Utility and Maintenance Use, Book No. J00051, L-$4.00, M-$3.20
A112.26.1-1969 (R1975) Water Hammer Arresters, Book No. K00020, L-$4.00, M-$3.20
A112.36.2-1975 Metallic Cleanouts, Book No. J00045, L-$3.00, M-$2.40
A113.1-1964 (R1971) Safety Code for Mechanized Parking Garage Equipment, Book No. M00054, L-$5.00, M-$4.00

Threads & Limits and Fits

B1 Report (1972) ISO Metric Screw Threads (Not an ANSI Standard), Book No. N00046, L-$4.50, M-$3.60
B1.1-1974 Unified Inch Screw Threads (UN and UNR Thread Form), Book No. M00028, L-$15.00, M-$12.00
B1.2-1974 Gages and Gaging for Unified Inch Screw Threads, Book No. N00058, L-$11.00, M-$8.80
B1.5-1977 Acme Screw Threads, Book No. N00027, L-$10.00, M-$8.00
B1.7-1965 (R1972) Nomenclature Definitions and Letter Symbols for Screw Threads, Book No. L00011, L-$3.25, M-$2.60
B1.8-1977 Stub Acme Screw Threads, Book No. N00028, L-$7.50, M-$6.00
B1.9-1973 Buttress Inch Screw Threads 7°/45° Form With 0.6 Pitch Basic Height of Thread Engagement, Book No. N00029, L-$5.00, M-$4.00
B1.10-1958 Unified Miniature Screw Threads, Book No. N00025, L-$3.00, M-$2.40
B1.11-1958 (R1972) Microscope Objective Thread, Book No. N00020, L-$2.25, M-$1.80
B1.12-1972 Class 5 Interference—Fit Thread, Book No. N00032, L-$2.75, M-$2.20
B1.16-1972 American Gaging Practice for Metric Screw Threads, Book No. N00026, L-$5.00, M-$4.00
B1.20.3-1976 Dryseal Pipe Threads (Inch), Book No. N00076, L-$6.00, M-$4.80
B1.20.4-1976 Dryseal Pipe Threads (Metric Translation of ANSI B1.20.3-1976), Book No. N00077, L-$6.00, M-$4.80
B2.1-1968 Pipe Threads (Except Dryseal), Book No. L00018, L-$5.50, M-$4.40
B2.2-1968 Dryseal Pipe Threads, Book No. M00036, L-$5.50, M-$4.40
B2.4-1966 (R1974) Hose Coupling Screw Threads, Book No. K00014, L-$3.25, M-$2.60
B4.1-1967 (R1974) Preferred Limits and Fits for Cylindrical Parts, Book No. L00022, L-$4.00, M-$3.20

Machine Tools

B5.1-1975 T-Slots, Their Bolts, Nuts and Tongues, Book No. M00024, L-$3.00, M-$2.40
B5.5-1959 (R1972) Rotating Air Cylinders and Adapters, Book No. L00031, L-$2.25, M-$1.80
B5.8-1972 Chucks and Chuck Jaws, Book No. J00024, L-$4.50, M-$3.60
B5.9-1967 (R1972) Spindle Noses for Tool Room Lathes, Engine Lathes, Turret Lathes and Automatic Lathes, Book No. M00010, L-$4.00, M-$3.20
B5.10-1963 (R1972) Machine Tapers, Book No. L00004, L-$4.00, M-$3.20
B5.11-1964 (R1973) Spindle Noses and Adjustable Adapters for Multiple Spindle Drilling Heads, Book No. M00008, L-$2.25, M-$1.80
B5.16-1952 (R1972) Accuracy of Engine and Tool Room Lathes, Book No. J00004, L-$2.25, M-$1.80
B5.18-1972 Spindle Noses and Tool Shanks for Milling Machines, Book No. M00009, L-$3.50, M-$2.80
B5.20-1958 Machine Pins, Book No. L00003, L-$2.25, M-$1.80
B5.25-1968 (R1975) Die Sets, Book No. L00027, L-$3.50, M-$2.80
B5.28-1971 Mounting Dimensions of Lubricating and Coolant Pumps for Machine Tools, Book No. L00009, L-$2.75, M-$2.20
B5.32-1977 Grinding Machines, Surface, Reciprocating Table—Horizontal Spindle, Book No. J00028, L-$4.00, M-$3.20
B5.32.1-1977 Grinding Machines, Surface, Reciprocating Table—Vertical Spindle, Book No. J00053, L-$3.00, M-$2.40
B5.33-1970 External Cylindrical Grinding Machines—Plain, Book No. M00038, L-$2.75, M-$2.20
B5.35-1969 (R1975) Machine Mounting Specifications for Abrasive Discs and Plate Mounted Wheels, Book No. M00035, L-$3.50, M-$2.80
B5.37-1970 External Cylindrical Grinding Machines—Centerless, Book No. M00039, L-$2.25, M-$1.80
B5.40-1977 Spindle Noses and Tool Shanks for Horizontal Boring Machines, Book No. M00048, L-$6.00, M-$4.80
B5.41-1968 (R1973) Quill Flanges and Spindle Ends for Upright and Horizontal Drill Spindles for Production Type Drilling Machines, Book No. K00018, L-$2.25, M-$1.80
B5.42-1970 External Cylindrical Grinding Machines—Universal, Book No. M00040, L-$2.50, M-$2.00
B5.43-1971 Modular Machine Tool Standards, Book No. M00021, L-$3.50, M-$2.80
B5.44-1971 Rotary Table Surface Grinding Machines, Book No. M00061, L-$3.50, M-$2.80
B5.45-1972 Milling Machines, Book No. M00067, L-$2.75, M-$2.20
B5.46-1972 Symbols for Machine Tool Indicator Plates, Book No. M00065, L-$4.50, M-$3.60
B5.47-1972 Milling Machine Arbor Assemblies, Book No. M00074, L-$3.50, M-$2.80
B5.48-1977 Ball Screws, Book No. M00089, L-$3.50, M-$2.80
B5.49-1977 Glossary of Mechanical Press Terms, Book No. M00090, L-$3.50, M-$2.80

Gears & Power Transmission Safety

B6.1-1968 (R1974) Tooth Proportions for Coarse-Pitch Involute Spur Gears, Book No. M00011, L-$4.00, M-$3.20
B6.7-1967 (R1974) Tooth Proportions for Fine-Pitch Involute Spur and Helical Gears, Book No. M00026, L-$5.00, M-$4.00
B6.9-1956 (R1962) Design for Fine-Pitch Wormgearing, Book No. J00026, L-$2.25, M-$1.80
B6.12-1964 (R1974) Nomenclature of Gear-Tooth Wear and Failure, Book No. L00012, L-$4.00, M-$3.20
B6.13-1965 (R1974) System for Straight Bevel Gears, Book No. M00020, L-$4.00, M-$3.20
B15.1-1972 Safety Standard for Mechanical Power Transmission Apparatus, Book No. B00009, L-$4.00, M-$3.20

Pipe Flanges, Fittings, Gaskets & Valves

B16.1-1975 Cast Iron Pipe Flanges and Flanged Fittings—Class 25, 125, 250 and 800, Book No. J00017, L-$6.00, M-$4.80
B16.3-1977 Malleable-Iron Threaded Fittings, Class 150 and 300, Book No. L00005, L-$6.00, M-$4.80
B16.4-1977 Cast-Iron Threaded Fittings, Class 125 and 250, Book No. J00022, L-$5.00, M-$4.00
B16.5-1977 Steel Pipe Flanges and Flanged Fittings (Including Ratings for Class 150, 300, 400, 600, 900, 1500, and 2500), Book No. M00015, L-$15.00, M-$12.00
B16.9-1971 Factory-Made Wrought Steel Buttwelding Fittings, Book No. M00014, L-$4.00, M-$3.20
B16.10-1973 Face-to-Face and End-to-End Dimensions of Ferrous Valves, Book No. J00031, L-$4.00, M-$3.20
B16.11-1973 Forged Steel Fittings, Socket-Welding and Threaded, Book No. M00016, L-$3.00, M-$2.40
B16.12-1977 Cast-Iron Threaded Drainage Fittings, Book No. J00021, L-$4.50, M-$3.60
B16.14-1977 Ferrous Pipe Plugs, Bushings and Locknuts with Pipe Threads, Book No. J00032, L-$4.50, M-$3.60
B16.15-1971 Cast Bronze Threaded Fittings, 125 and 250 lb., Book No. J00010, L-$3.50, M-$2.80
B16.18-1972 Cast Bronze Solder Joint Pressure Fittings, Book No. J00015, L-$3.50, M-$2.80
B16.20-1973 Ring-Joint Gaskets and Grooves for Steel Pipe Flanges, Book No. L00030, L-$4.50, M-$3.60
B16.21-1962 Nonmetallic Gaskets for Pipe Flanges, Book No. L00015, L-$3.00, M-$2.40
B16.22-1973 Wrought Copper and Bronze Solder-Joint Pressure Fittings, Book No. M00030, L-$3.50, M-$2.80
B16.23-1976 Cast Copper Alloy Solder Joint Drainage Fittings - DWV, Book No. J00014, L-$15.00, M-$12.00
B16.24-1971 Bronze Flanges and Flanged Fittings, 150 and 300 lb., Book No. J00009, L-$3.50, M-$2.80
B16.25-1972 Buttwelding Ends, Book No. J00013, L-$4.00, M-$3.20
B16.26-1975 Cast Copper Alloy Fittings for Flared Copper Tubes, Book No. J00008, L-$3.00, M-$2.40
B16.28-1964 (R1972) Wrought Steel Buttwelding Short Radius Elbows and Returns, Book No. M00053, L-$4.00, M-$3.20
B16.29-1973 Wrought Copper and Wrought Copper Alloy Solder-Joint Drainage Fittings, Book No. N00057, L-$4.00, M-$3.20
B16.31-1971 Non-Ferrous Pipe Flanges, 150, 300, 400, 600, 900, 1500 and 2500 lb., Book No. J00042, L-$4.00, M-$3.20
B16.32-1973 Cast Bronze Solder - Joint Fittings for Solvent Drainage Systems, Book No. J00044, L-$3.50, M-$2.80
B16.33-1973 Small Manually Operated Metallic Gas Valves in Gas Distribution Systems Whose Maximum Allowable Operating Pressure Does Not Exceed 60 PSIG or 125 PSIG, Book No. J00006, L-$4.00, M-$3.20
B16.34-1977 Steel Valves (Flanged and Buttwelding End), Book No. J00018, L-$15.00, M-$12.00
B16.36-1975 Steel Orifice Flanges, Class 300, 600, 900, 1500 and 2500, Book No. J00046, L-$4.00, M-$3.20
B16.39-1977 Malleable Iron Threaded Pipe Unions, Class 150, 250 and 300, Book No. L00049, L-$4.00, M-$3.20

Fasteners & Keys

B17.1-1967 (R1973) Keys and Keyseats, Book No. J00038, L-$2.75, M-$2.20
B17.2-1967 (R1972) Woodruff Keys and Keyseats, Book No. J00037, L-$2.75, M-$2.20
B18.1.1-1972 Small Solid Rivets, Book No. M00006, L-$3.50, M-$2.80
B18.1.2-1972 Large Rivets, Book No. K00023, L-$2.75, M-$2.20
B18.2.1-1972 Square and Hex Bolts and Screws, Book No. M00014, L-$4.50, M-$3.80
B18.2.2-1972 Square and Hex Nuts, Book No. M00043, L-$4.50, M-$3.80
B18.3-1977 Socket Cap, Shoulder and Set Screws—Inch Series, Book No. M00007, L-$6.00, M-$4.80
B18.5-1971 Round Head Bolts, Book No. L00032, L-$3.25, M-$2.60
B18.6.1-1972 Wood Screws, Book No. M00005, L-$4.00, M-$3.20
B18.6.2-1972 Slotted Head Cap Screws, Square Head Set Screws and Slotted Headless Set Screws, Book No. K00012, L-$4.00, M-$3.20
B18.6.3-1972 Machine Screws and Machine Screw Nuts, Book No. M00004, L-$9.50, M-$7.60
B18.6.4-1966 (R1975) Slotted and Recessed Head Tapping Screws and Metallic Drive Screws, Book No. N00021, L-$6.00, M-4.80
B18.7-1972 General Purpose Semi-Tubular Rivets, Full Tubular Rivets, Split Rivets and Rivet Caps, Book No. N00059, L-$3.50, M-$2.80
B18.8.1-1972 (R1977) Clevis Pins and Cotter Pins, Book No. L00024, L-$2.75, M-$2.20
B18.9-1958 (R1977) Plow Bolts, Book No. L00021, L-$2.75, M-$2.20
B18.10-1963 (R1975) Track Bolts and Nuts, Book No. M00025, L-$2.75, M-$2.20
B18.11-1961 (R1975) Miniature Screws, Book No. K00037, L-$2.75, M-$2.20
B18.12-1962 (R1975) Glossary of Terms for Mechanical Fasteners, Book No. M00046, L-$6.50, M-$5.20

B18.13-1965 (R1975) Screw and Washer Assemblies—Sems, Book No. N00043, L-$3.50, M-$2.80
B18.15-1969 Forged Eyebolts, Book No. M00037, L-$3.50, M-$2.80
B18.17-1968 (R1975) Wing Nuts, Thumb Screws and Wing Screws, Book No. J00005, L-$3.50, M-$2.80
B18.21.1-1972 Lock Washers, Book No. L00002, L-$3.50, M-$2.80
B18.22.1-1965 (R1975) Plain Washers (Redesignation of B27.2-1965), Book No. L00019, L-$2.75, M-$2.20
B18.23.1-1967 (R1975) Beveled Washers (Redesignation of B27.4-1967), Book No. L00006, L-$2.25, M-$1.80

Transmission Chains, Washers, Conveyors & Compressors

B19.3-1972 Safety Standard for Compressors for Process Industries, Book No. B00003, L-$3.50, M-$2.80
B20.1-1976 Safety Standards for Conveyors and Related Equipment, Book No. B00005, L-$4.00, M-$3.20
B27.5-1969 General Purpose Rectangular Uniform Section Retaining Rings, Book No. L00023, L-$2.75, M-$2.20
B27.6-1972 (R1977) General Purpose Uniform Cross Section Spiral Retaining Rings, Book No. L00037, L-$5.00, M-$4.00
B29.1-1975 Precision Power Transmission Roller Chains Attachments and Sprockets, Book No. M00050, L-$7.50, M-$6.00
B29.2-1957 (R1971) Inverted Tooth (Silent) Chains and Sprocket Teeth, Book No. M00002, L-$3.50, M-$2.80
B29.3-1954 (R1974) Double-Pitch Power Transmission Roller Chains and Sprockets, Book No. K00075, L-$4.00, M-$3.20
B29.4-1972 Double-Pitch Conveyor Roller Chains, Attachments, and Sprockets, Book No. M00072, L-$4.25, M-$3.40
B29.6-1972 Steel Detachable Link Chains, Attachments and Sprockets, Book No. M00066, L-$5.50, M-$4.40
B29.7-1971 Malleable Iron Detachable Link Chain and Attachments, Book No. M00018, L-$4.50, M-$3.60
B29.8-1977 Leaf Chain, Clevises and Sheaves, Book No. M00003, L-$5.00, M-$4.00
B29.9-1958 (R1974) Small Pitch Silent Chains and Sprocket Tooth Form Less Than 3/8" Pitch, Book No. K00077 L-$2.75, M-$2.20
B29.10-1972 Heavy Duty Offset Sidebar Power Transmission Roller Chains and Sprocket Teeth, Book No. M00078, L-$5.00, M-$4.00
B29.11-1974 Combination Chains, Attachments and Sprocket Teeth, Book No. K00081, L-$5.50, M-$4.40
B29.12-1974 Steel Bushed Rollerless Chains, Attachments and Sprocket Teeth, Book No. K00030, L-$3.50, M-$2.80
B29.13-1972 700 Class Pintle Chains, Attachments and Sprocket Teeth, Book No. M00064, L-$3.50, M-$2.80
B29.14-1971 "H" Type Mill Chains—Attachments and Sprocket Teeth, Book No. M00062, L-$3.50, M-$2.80
B29.15-1973 Heavy Duty Roller Type Conveyor Chains and Sprocket Teeth, Book No. M00079, L-$3.50, M-$2.80
B29.16-1974 Welded Steel Type Mill Chains, Attachments, and Sprocket Teeth, Book No. K00079, L-$4.50, M-$3.60
B29.17-1974 Hinge Type Flat Top Conveyor Chains and Sprocket Teeth, Book No. K00078, L-$3.50, M-$2.80
B29.18-1974 Welded Steel-Type Drag Chains, Attachments, and Sprocket Teeth, Book No. K00080, L-$3.50, M-$2.80
B29.19-1976 A and CA550 and 620 Roller Chains, Attachments, and Sprockets, Book No. K00085, L-$4.50, M-$3.60

Cranes, Derricks, Hoists, Jacks & Slings

B30.1-1975 Jacks, Book No. B00007, L-$4.00, M-$3.20
B30.2.0-1976 Overhead and Gantry Cranes (Top Running Bridge, Multiple Girder), Book No. B00011, L-$6.00, M-$4.80
B30.3-1975 Hammerhead Tower Cranes, Book No. J00033, L-$4.50, M-$3.60
B30.4-1973 Portal, Tower and Pillar Cranes, Book No. J00001, L-$4.50, M-$3.60
B30.5-1968 Crawler, Locomotive and Truck Cranes, Book No. B00012, L-$4.00, M-$3.20
B30.6-1969 Derricks, Book No. B00013, L-$3.25, M-$2.60
B30.7-1971 Base Mounted Drum Hoists, Book No. B00002, L-$3.50, M-$2.80
B30.8-1971 Floating Cranes and Floating Derricks, Book No. J00023, L-$4.50, M-$3.60
B30.9-1971 Slings, Book No. B00010, L-$5.00, M-$4.00
B30.10-1975 Hooks, Book No. J00048, L-$4.00, M-$3.20
B30.11-1973 Monorail Systems and Underhung Cranes, Book No. B00015, L-$4.00, M-$3.20
B30.12-1975 Handling Loads Suspended from Rotorcraft, Book No. J00047, L-$5.50, M-$4.40
B30.13-1977 Controlled Mechanical Storage Cranes, Book No. J00052, L-$6.00, M-$4.80
B30.15-1973 Mobile Hydraulic Cranes, Book No. B00017, L-$5.50, M-$4.40
B30.16-1973 Overhead Hoists, Book No. B00001, L-$4.50, M-$3.60

Piping

Code for Pressure Piping, B31 Interpretations: All current cases, Book No. M00033, L-$13.00, M-$10.40. Three Year Subscription Service, L-$18.00, M-$14.40
Sets forth the conditions under whigh new materials may be used, the Committee's interpretations of code rules as they apply to specific construction problems of code users, and special provisions to cover conditions encountered in nuclear installations. Individual Cases (Book No. M00034) are available at $1.50, ASME members $1.20. Please specify individual Case number.
B31 Guide, Corrosion Control for ANSI B31.1 Power Piping Systems, Book No. A00089, L-$2.00, M-$1.60
B31.1-1977 Power Piping (with Addenda up to the 1980 edition), Book No. A00058, L-$50.00, M-$40.00
B31.2-1968 Fuel Gas Piping, Book No. A00036, L-$5.00, M-$4.00
B31.3-1977 Chemical Plant and Petroleum Refinery Piping (with Addenda up to the 1980 Edition), Book No. A00037, L-$50.00, M-$40.00
B31.4-1974 Liquid Petroleum Transportation Piping Systems (Including 1977 Addenda), Book No. A00038, L-$10.00, M-$8.00
B31.4a-1977 Referenced Standards Addendum to B31.4-1974, Liquid Petroleum Transportation Piping Systems, Book No. A00039, L-$1.25, M-$1.00
B31.5-1974 Refrigeration Piping, Book No. A00040, L-$9.50, M-$7.60
B31.7-1969 Nuclear Power Piping (Including 1971 and 1972 Addenda), Book No. A00042, L-$19.00, M-$15.20
B31.7a-1972 Addenda only, Book No. A00053, L-$1.25, M-$1.00
B31.7b-1971 Addenda only (Includes B31.7a-1971), Book No. A00043, L-$4.25, M-$3.40
B31.7c-1971 Addenda only, Book No. A00044, L-$4.25, M-$3.40
B31.8-1975 Gas Transmission and Distribution Piping Systems, Book No. A00045, L-$15.00, M-$12.00
ASME Guide for Gas Transmission and Distribution Piping Systems—1976 Including all Addenda through December 1978 (See page SR-12—ASME Standards), Book No. A00030, L-$100.00, M-$80.00; Binder for Gas Guide, Book No. A00028, L-$7.50, M-$6.00

Surface Texture, Pipe, Gages, and Industrial Trucks

B32.1-1952 (R1977) Preferred Thickness for Uncoated, Thin, Flat Metals (Under 0.250 in.), Book No. L00025, L-$2.25, M-$1.80
B32.2-1969 (R1974) Preferred Diameters for Round Wire—0.500 inches and under, Book No. M00012, L-$2.25, M-$1.80
B32.3-1977 Preferred Metric Thicknesses and Widths for Flat Metal Products, Book No. L00045, L-$2.50, M-$2.00
B32.4-1977 Preferred Metric Sizes for Round, Square and Hexagon Metal Products, Book No. L00046, L-$2.50, M-$2.00
B36.10-1975 Welded and Seamless Wrought Steel Pipe, Book No. M00031, L-$4.00, M-$3.20
B36.19-1976 Stainless Steel Pipe, Book No. M00013, L-$3.50, M-$2.80
B40.1-1974 Gauges: Pressure and Vacuum, Indicating Dial Type—Elastic Element, Book No. K00015, L-$5.00, M-$4.00
B40.2-1977 Gauges and Indicators: Pressure and Vacuum—Indicating Digital Type, Book No. K00088, L-$7.00, M-$5.60
B46.1-1962 (R1971) Surface Texture, Book No. M00019, L-$4.00, M-$3.20
B47.1-1974 Gage Blanks, Book No. M00082, L-$20.00, M-$16.00
B55.1-1961 Specifications for Multiple V-Belt Drives, Book No. M00042, L-$2.75, M-$2.20
B56.1-1975 Low Lift and High Lift Trucks, Book No. B00006, L-$6.50, M-$5.20
B73.1-1974 Specifications for Horizontal, End Suction Centrifugal Pumps for Chemical Process, Book No. J00019, L-$4.00, M-$3.20
B73.2-1975 Specifications for Vertical In-Line Centrifugal Pumps for Chemical Process, Book No. J00049, L-$4.50, M-$3.60
B88.1-1972 Guide for Dynamic Calibration of Pressure Transducers, Book No. L00042, L-$5.00, M-$4.00
B88.2-1974 Procedure for Bench Calibration of Tank Level Gaging Tapes and Sounding Rules, Book No. L00043, L-$2.75, M-$2.20
B89.1.6-1976 Measurement of Qualified Plain Internal Diameters for Use as Master Rings and Ring Gages, Book No. L00048, L-$6.00, M-$4.80
B89.1.9-1973 Precision Inch Gage Blanks for Length Measurement (Thru 20 inches), Book No. L00044, L-$5.00, M-$4.00
B89.3.1-1972 Measurement of Out-of-Roundness, Book No. L00020, L-$4.00, M-$3.20
B89.6.2-1973 Temperature and Humidity Environment for Dimensional Measurement, Book No. L00047, L-$6.50, M-$5.20

Cutting Tools, Holders, Drivers, Bushings and Punches

B94.1-1977 Blanks and Semi-Finished Blanks for Solid Carbide Taps, Book No. M00055, L-$5.00, M-$4.00
B94.2-1971 Reamers, Book No. L00028, L-$6.75, M-$5.40
B94.3-1965 (R1972) Straight Cut-Off Blades for Lathes and Screw Machines, Book No. M00056, L-$2.25, M-$1.80
B94.4-1976 Identification System for Indexable Inserts for Cutting Tools, Book No. M00057, L-$3.50, M-$2.80
B94.5-1974 Carbide Blanks and Single-Point Brazed Tools, Book No. N00018, L-$4.00, M-$3.20
B94.6-1966 (R1972) Knurling, Book No. K00022, L-$2.75, M-$2.20
B94.7-1966 (R1972) Hobs, Book No. N00056, L-$3.50, M-$2.80
B94.8-1967 (R1972) Inserted Blade Milling Cutter Bodies, Book No. K00044, L-$2.25, M-$1.80
B94.9-1971 Taps—Cut and Ground Threads, Book No. K00043, L-$6.75, M-$5.40
B94.10-1967 (R1972) High-Speed Steel and Cast Non-Ferrous Single-Point Tools and Tool Holders, Book No. N00034, L-$2.25, M-$1.80
B94.11-1967 (R1972) Twist Drills, Book No. M00027, L-$4.00, M-$3.20
B94.12-1968 Carbide-Tipped Masonry Drills and Blanks for Carbide-Tipped Masonry Drills, Book No. L00013, L-$2.25, M-$1.80
B94.13-1976 Blanks for Carbide Burs, Book No. J00020, L-$4.50, M-$3.60
B94.14-1968 (R1975) Punches—Basic Head Type, Book No. K00052, L-$2.75, M-$2.20
B94.16-1968 (R1975) Retainers—Basic Ball-Lock, Punch and Die Button Light and Heavy Duty, Book No. K00054, L-$2.75, M-$2.20
B94.17-1968 (R1975) Gages—Functional, Ball-Lock Punches, Die Buttons and Retainers, Book No. K00057, L-$2.75, M-$2.20
B94.18-1968 (R1975) Punches—Basic Ball-Lock Light and Heavy Duty, Book No. K00055, L-$3.50, M-$2.80
B94.18.1-1977 Punches—Basic Ball-Lock Light and Heavy Duty (Metric), Book No. M00087, L-$8.00, M-$6.40

B94.19-1977 Milling Cutters and End Mills, Book No. L00008, L-$12.00, M-$9.60
B94.20-1968 Specifications for Carbide Blanks for Twist Drills, Reamers, End Mills, and Random Rod, Book No. K00056, L-$2.75, M-$2.20
B94.21-1968 (R1974) Gear Shaper Cutters, Book No. J00007, L-$4.50, M-$3.60
B94.22-1968 (R1975) Punches—Variable, Head Type, Book No. L00041, L-$4.25, M-$3.40
B94.22.1-1977 Punches—Variable, Head Type, Book No. L00050, L-$7.50, M-$6.00
B94.23-1969 (R1975) Punch Guide Bushings—Variable, Press Fit, Book No. L00040, L-$3.25, M-$2.60
B94.24-76 Heavy Duty Carbide Inserts for Cutting Tools, Book No. L00034, L-$3.50, M-$2.80
B94.25-1975 Indexable Inserts for Cutting Tools, Book No. L00038, L-$14.50, M-$11.60
B94.26-1969 Indexable (Throw-away) Inserts Holders, Book No. L00039, L-$4.75, M-$3.80
B94.27-1970 (R1976) Die Buttons—Basic Taper Relief, Press Fit, Book No. M00041, L-$3.75, M-$3.00
B94.28-1970 (R1976) Die Buttons—Basic Straight Relief, Press Fit, Book No. M00045, L-$3.75, M-$3.00
B94.29-1970 (R1976) Die Buttons—Basic Ball Lock, Book No. M00059, L-$3.75, M-$3.00
B94.29.1-1977 Die Buttons—Basic Ball-Lock (Metric), Book No. M00088, L-$5.00, M-$4.00
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B94.32-1954 (R1971) Circular & Dove Tailed Forming Tool Blanks (Redesignation of B5.7-1954), Book No. J00025, L-$2.75, M-$2.20
B94.33-1974 Jig Bushings, Book No. K00021, L-$5.25, M-$4.20
B94.34-1946 (R1971) Life Tests of Single Point Tools (Redesignation of B5.19-1946), Book No. L00001, L-$2.25, M-$1.80
B94.35-1972 Drill Drivers, Split-Sleeve, Collet Type, Book No. J00030, L-$2.75, M-$2.20
B94.36-1956 (R1971) Life Tests for Single-Point Tools of Sintered Carbide (Redesignation of B5.34-1956), Book No. M00032, L-$2.25, M-$1.80
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Data Report Forms

Data Report Forms, samples of which are shown in the various Sections of the ASME Boiler and Pressure Vessel Code, may be obtained from the ASME Order Department in pads of 100 sheets each at a cost of $6.00 per pad. Please order by Book Number which follows each title. No member discount.
A1 Manufacturers' Data Report for Pressure Vessels (**E00112**)
A-1A Manufacturers' Data Report for Pressure Vessels (Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only) (**E00113**)
A-2 Manufacturers' Partial Data Report (A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer) (**E00114**)
A-3 Manufacturers' Data Report Supplementary Sheet (**E00119**)
C-1 Constructors' Data Report for Concrete Reactor Vessels and Containments (**E00077**)
C-2 Fabricators' Data Report for Parts of Concrete Reactor Vessels and Containments as Required by the Provisions of the ASME Code, Section III, Division 2 (**E00081**)
H-2 Manufacturers' Data Report for All Types of Boilers Except Water-Tube and Those Made of Cast Iron (**E00101**)
H-3 Manufacturers' Data Report for Water-Tube Boilers (**E00102**)
H-4 Manufacturers' Partial Data Report (**E00103**)
H-5 Manufacturers' Master Data Report for Boilers Constructed from Cast Iron (**E00041**)
HLW-6 Manufacturers' Report for Lined Water Heaters (**E00105**)

HLW-7 Manufacturers' Partial Data Report for Lined Water Heaters (E00106)
HLW-8 Manufacturers' Master Data Proof Test Report for Lined Water Heaters (E00107)
N-1 Manufacturers' Data Report for Nuclear Vessels (E00038)
N-1A Manufacturers' Data Report for Nuclear Vessels (Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only) (E00039)
N-2 Manufacturers' Data Report for Nuclear Part and Appurtenances (E00040)
N-3 Owners' Data Report for Nuclear Power Plant Components (E00024)
N-5 Data Report for Field Installation of Nuclear Power Plant Components, Component Supports, and Appurtenances (E00025)
N-6 Manufacturers' Data Report for Storage Tanks (E00054)
N-7 Manufacturers' Data Report for Storage Tank Parts and Appurtenances (E00055)
NCS-1 Designers' Data Report for Core Support Structures-Fabricated by Others (E00065)
NCS-1A Fabricators' Data Report for Core Support Structures-Designed by Others (E00066)
NCS-2 Manufacturers' Data Report for Core Support Structures (E00067)
NCS-3 Manufacturers' Data Report for Core Support Structures, as Required by the Provisions of ASME Code Section III, Division 1 (E00078)
NCS-4 Fabricators' Data Report for Core Support Structures and Related Parts for Appurtenances Designed by Others, as Required by the Provisions of ASME Code, Section III, Division 1 (Alternative to Form NCS-1A) (E00079)
NF-1 Manufacturers' Data Report for Component Supports (E00075)
NF-2 Manufacturers' Partial Data Report for Parts for Component Support (E00076)
NIS-1 Owners' Data Report for Inservice Inspection (E00029)
NM-1 Data Report for Tubular Products and Fittings Welded with Filler Metal (E00080)
NPP-1 Fabricated Nuclear Piping (E00062)
NPV-1 Manufacturers' Data Report for Nuclear Pumps or Valves (E00037)
NR-1 Manufacturers' Data Report of Rupture Discs (E00026)
NV-1 Manufacturers' Data Report for Safety and Safety Relief Valves (E00042)
P-2 Manufacturers' Data Report for All Types of Boilers Except Water Tube (E00068)
P-2A Manufacturers' Data Report for All Types Electric Boilers (E00120)
P-3 Manufacturers' Data Report for Water-tube Boilers, Super-heaters, Waterwalls, and Economizers (E00069)
P-3A Engineering - Contractor Data Report for a Complete Boiler Unit (E00070)
P-4 Manufacturers' Partial Data Report (E00071)
P-4A Manufacturers' Data Report for Fabricated Piping (E00072)
P-5 Summary Data Report for Process Steam Generators (E00073)
P-6 Manufacturers' Data Report Supplementary Sheet (E00074)
QB-482 Recommended Form-Procedure Specification Applying to Ferrous and Nonferrous Materials and All Brazing Processes (E00031)
QB-483 Recommended Form-Manufacturers' Record of Brazing Procedure Qualification Tests (E00032)
QB-484 Recommended Form-Performance Specification and Manufacturers' Record of Brazer Qualification Test (E00033)
QW-482 Welding Procedure Specification (WPS) (E00006)
QW-483 Procedure Qualification Record (PQR) (E00007)
QW-484 Manufacturers' Record of Welder or Welding Operator Qualification Tests (E00008)
RP-1 Manufacturers' Data Report for Fiberglass-Reinforced Plastic Pressure Vessels (E00115)
RP-2 Manufacturers' Partial Data Report (E00116)
U-1 Manufacturers' Data Report for Pressure Vessels (E00108)
U-1A Manufacturers' Data Report for Pressure Vessels (Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only) (E000117)
U-2 Manufacturers' Partial Data Report (A Part of a Pressure Vessel Fabricated by One Manufacturer for Another) (E00110)
U-3 Manufacturers' Certificate of Compliance Covering Pressure Vessels to be Stamped with the UM-Symbol (E00111)
U-4 Manufacturers' Data Report Supplementary Sheet (E00118)

Other Titles of Interest to Boiler and Pressure Vessel Code Users

Companies Holding Boiler and Pressure Vessel Certificates of Authorization for Use of Code Symbol Stamps—1977 Edition (With Winter 1977 Supplement), Book No. E00052, L-$35.00, M-$28.00
Companies Holding Nuclear Certificates of Authorization (One Year Subscription-Issued bimonthly), Book No. E00061, L-$45.00, M-$36.00
Criteria for Design of Elevated Temperature Class 1 Components in Section III, Division 1, of the ASME Boiler and Pressure Vessel Code, 1976, Book No. E00097, L-$20.00, M-$16.00
Criteria of the ASME Boiler & Pressure Vessel Code for Design by Analysis Sections III & VIII, Div. 2, 1969, Book No. I00059, L-$1.50, M-$1.20
Design Criteria of Boilers and Pressure Vessels—1977, Book No. G00114, L-$7.50, M-$6.00
History of the ASME Boiler Code, 1955, Book No. G00028, L-$10.00, M-$8.00
Proposed Section XI—Division 2, Rules for Inspection and Testing of Components of Gas-Cooled Plants, Book No. E00122, L-$30.00, M-$24.00
Proposed Section XI—Division 3, Rules for Inspection and Testing of Components of Liquid Metal Cooled Plants, Book No. E00123, L-$15.00, M-$12.00
Proposed Standard for Acoustic Emisson Examinations During Application of Pressure, 1975, Book No. E00096, L-$2.50, M-$2.00
Sample Analysis of a Piping System: Class 1 Nuclear, 1972, Book No. E00063, L-$4.50, M-$3.60

ASME CODES

Performance Test Codes

Test methods prescribed in the PTC's enable users to obtain accurate information on adaptability of equipment, best methods of operation, capacity and efficiency, and verification of manufacturer's guarantees. Each one contains a check list of items on which agreement should be reached before starting tests, specifies the instruments and testing apparatus needed, lists precautions, gives instructions for computing and tabulating results and shows how to correct results for deviations from specified test conditions.

The Performance Test Codes Committee is following a policy of submitting the PTC Documents to ANSI for approval as American National Standards. The documents that have been approved bear the ANSI/ASME designation. This PTC/ANSI relationship will reduce duplication of effort and promote the consensus standards concept.

ANSI	ASME	
PTC 1-1974	PTC 1-1970	General Instructions (With 1971 Addenda), Book No. C00017, L-$5.00, M-$4.00
PTC 2-1974	PTC 2-1971	Code on Definitions and Values, Book No. C00007, L-$5.50, M-$4.40
PTC 3.1-1974	PTC 3.1-1958	(R 1970) Diesel and Burner Fuels, Book No. D00024, L-$10.00, M-$8.00
PTC 3.2-1974	PTC 3.2-1954	(R 1970) Solid Fuels, Book No. C00023, L-$5.50, M-$4.40
PTC 3.3-1974	PTC 3.3-1969	Gaseous Fuels, Book No. D00038, L-$9.00, M-$7.20
PTC 4.1-1974	PTC 4.1-1964	(R 1973) Steam-Generating Units (With 1968 and 1969 Addenda), Book No. C00025, L-$10.00, M-$8.00
		Diagram for Testing of a Steam Generator, Figure 1 (Pad of 100), Book No. C00038, L-$6.00, M-$6.00
		Heat Balance of a Steam Generator, Figure 2 (Pad of 100), Book No. C00039, L-$6.00, M-$6.00
	PTC 4.1a-1964	ASME Test Form for Abbreviated Efficiency Test—Summary Sheet (Pad of 100), Book No. C00036, L-$6.00, M-$6.00
	PTC 4.1b-1964	(R 1965) ASME Test Form for Abbreviated Efficiency Test—Calculation Sheet (Pad of 100), Book No. C00037, L-$6.00, M-$6.00
PTC 4.2-1974	PTC 4.2-1969	Coal Pulverizers, Book No. C00006, L-$4.50, M-$3.60
PTC 4.3-1974	PTC 4.3-1968	Air Heaters, Book No. D00034, L-$7.00, M-$5.60
	PTC 5-1949	Reciprocating Steam Engines, Book No. C00022, L-$2.75, M-$2.20
PTC 6-1976	PTC 6-1976	Steam Turbines, Book No. C00028, L-$15.00, M-$12.00
Appendix to ANSI PTC 6-1974	PTC 6A-1964	(R 1973) Appendix A to Test Code for Steam Turbines (With 1968 Addenda), Book No. C00029, L-$6.50, M-$5.20
PTC 6 Report-1974	PTC 6 Report-1969	(R 1973) Guidance for Evaluation of Measurement Uncertainty in Performance Tests of Steam Turbines, Book No. D00041, L-$5.00, M-$4.00
PTC 6S Report-1974	PTC 6S Report-1970	(R 1973) Simplified Procedures for Routine Performance Tests of Steam Turbines, Book No. D00042, L-$11.00, M-$8.80
	PTC 7-1949	(R 1969) Reciprocating Steam-Driven Displacement Pumps, Book No. C00021, L-$2.50, M-$2.00
	PTC 7.1-1962	(R 1969) Displacement Pumps, Book No. D00026, L-$4.00, M-$3.20
	PTC 8.2-1965	Centrifugal Pumps (With 1973 Addenda), Book No. C00005, L-$5.00, M-$4.00
	1973 Addendum to PTC 8.2-1965	Centrifugal Pumps, Book No. C00002, L-$1.25, M-$1.00
PTC 9-1974	PTC 9-1970	Displacement Compressors, Vacuum Pumps and Blowers (With 1972 Errata, Book No. C00009, L-$8.00, M-$6.40
PTC 10-1974	PTC 10-1965	(R 1973) Compressors and Exhausters, Book No. C00004, L-$8.00, M-$6.40
PTC 12.1-1975	PTC 12.1-1955	(R 1975) Feedwater Heaters, Book No. C00013, L-$6.00, M-$4.80
PTC 12.2-1975	PTC 12.2-1955	(R 1975) Steam Condensing Apparatus, Book No. C00026, L-$8.00, M-$6.40
PTC 12.3-1977	PTC 12.3-1977	Deaerators, Book No. D00023, L-$10.00, M-$8.00

ANSI	ASME	
PTC 14-1974	PTC 14-1970	Evaporating Apparatus, Book No. C00011, L-$5.00, M-$4.00
PTC 16-1974	PTC 16-1958	(R 1971) Gas Producers and Continuous Gas Generators, Book No. C00014, L-$5.50, M-$4.40
PTC 17-1974	PTC 17-1973	Reciprocating Internal-Combustion Engines, Book No. C00020, L-$7.50, M-$6.00
	PTC 18-1949	Hydraulic Prime Movers, Book No. C00018, L-$5.00, M-$4.00
PTC 20.1-1977	PTC 20.1-1977	Speed and Load-Governing Systems for Steam Turbine-Generator Units, Book No. C00019, L-$12.00, M-$9.60
	PTC 20.2-1965	Overspeed Trip Systems for Steam Turbine-Generator Units, Book No. C00041, L-$5.00, M-$4.00
PTC 20.3-1974	PTC 20.3-1970	Pressure Control Systems Used on Steam Turbine Generator Units, Book No. C00027, L-$9.00, M-$7.20
	PTC 21-1941	Dust Separating Apparatus, Book No. D00021, L-$4.00, M-$3.20
PTC 22-1974	PTC 22-1966	(R 1973) Gas Turbine Power Plants Book No. C00015, L-$8.00, M-$6.40
	PTC 23-1958	Atmospheric Water Cooling Equipment, Book No. D00022, L-$6.00, M-$4.80
PTC 24-1976	PTC 24-1976	Ejectors, Book No. C00010, L-$7.50, M-$6.00
PTC 25.3-1976	PTC 25.3-1976	Safety and Relief Valves, Book No. D00031, L-$12.00, M-$9.60
		1977 Addendum to ANSI/ASME PTC 25.3-1976 Safety and Relief Valves, Book No. D00032, L-$1.00, M-$.80
	PTC 26-1962	Speed Governing Systems for Internal Combustion Engine-Generator Units, Book No. D00027, L-$4.00, M-$3.20
	PTC 27-1957	Determining Dust Concentration in a Gas Stream, Book No. C000-08, L-$5.00, M-$4.00
PTC 28-1974	PTC 28-1965	(R 1973) Determining the Properties of Fine Particulate Matter, Book No. D00030, L-$6.00, M-$4.80
	PTC 29-1965	Speed-Governing Systems for Hydraulic Turbine-Generator Units, Book No. C00040, L-$5.75, M-$4.60
PTC 31-1974	PTC 31-1973	Ion Exchange Equipment, Book No. C00016, L-$6.00, M-$4.80
PTC 32.1-1974	PTC 32.1-1969	Nuclear Steam Supply Systems, Book No. C00012, L-$6.50, M-$5.20
	PTC 34 Draft	Draft ASME Code for In-Service Testing of Valves in Nuclear Power Plants, Book No. C000-43, L-$4.50, M-$3.60
	PTC 35 Draft (April 1970)	Draft ASME Code for In-Service Testing of Pumps in Nuclear Power Plants, Book No. C00042, L-$2.75, M-$2.20

PTC Supplements on Instruments and Apparatus

	PTC 19.2-1964	Pressure Measurement, Book No. D00029, L-$9.00, M-$7.20
PTC 19.3-1974	PTC 19.3-1974	Temperature Measurement, Book No. C00035, L-$16.00, M-$12.80
	PTC 19.5-1972	Application, Part II of Fluid Meters: Interim Supplement on Instruments and Apparatus, Book No. G00018, L-$14.00, M-$11.20
	PTC 19.5.1-1964	Weighing Scales, Book No. D00028, L-$3.75, M-$3.00
	PTC 19.6-1955	Electrical Measurements in Power Circuits, Book No. D00007, L-$7.00, M-$5.60
	PTC 19.7-1961	Measurement of Shaft Horsepower, Book No. D00009, L-$5.00, M-$4.00
PTC 19.8-1974	PTC 19.8-1970	Measurement of Indicated Horsepower, Book No. D00008, L-$5.50, M-$4.40
PTC 19.10-1974	PTC 19.10-1968	Flue and Exhaust Gas Analyses, Book No. C00031, L-$5.50, M-$4.40
PTC 19.11-1974	PTC 19.11-1970	Water and Steam in the Power Cycle (Purity and Quality, Leak Detection and Measurement), Book No. D00011, L-$9.00, M-$7.20
	PTC 19.12-1958	Measurement of Time, Book No. D00012, L-$2.75, M-$2.20
	PTC 19.13-1961	Measurement of Rotary Speed, Book No. D00013, L-$4.00, M-$3.20
	PTC 19.14-1958	Linear Measurements, Book No. D00014, L-$3.50, M-$2.80
	PTC 19.16-1965	Density Determinations of Solids and Liquids, Book No. D00016, L-$3.75, M-$3.00
	PTC 19.17-1965	Determination of the Viscosity of Liquids, Book No. D00017, L-$4.00, M-$3.20
	(Not a PTC)	The Philosophy of Power Test Codes and Their Development, Book No. I00056, L-$2.50, M-$2.00
		Binders for Performance Test Codes —Blue cloth, 8-1/2 × 11 with rods, Book No. C00003, L-$7.50, M-$6.00

ASME Standards

APS-1 Recommended Guide for the Control of Dust Emissions—Combustion for Indirect Heat Exchangers 1968, Book No. N00055, L-$2.75, M-$2.20

—— Discussion on ASME Standard APS-1, 1967, Book No. G00049, L-$2.75, M-$2.20

APS-2 Recommended Guide for the Control of Oxides of Sulfur (With Supplement) 1970, Book No. N00051, L-$3.50, M-$2.80

—— Supplement only, Book No. N00054, L-$1.25, M-$1.00

No. 101 Operation and Flow Process Charts 1972, Book No. L00017, L-$4.00, M-$3.20

No. 102 Form for Use in Self-Appraisal of Industrial Plants 1947, Book No. M00001, L-$2.75, M-$2.20

No. 104 One-Piece Metallic Piston Rings 1954, Book No. L00016, L-$2.25, M-$1.80

No. 111 Recommended Practices for the Design of Marine Propulsion Turbine Lubricating Systems 1960, Book No. J00036, L-$2.25, M-$1.80

No. 112 Diaphragm Actuated Control Valve Terminology 1961, Book No. L00036, L-$2.25, M-$1.80

No. 113 Recommended Practices for the Flushing and Cleaning of Marine Propulsion Turbine Lubricating Systems 1964, Book No. M00051, L-$2.25, M-$1.80

No. 114 Recommended Practices for the Purification of Marine Propulsion Turbine Lubricating Oil 1964, Book No. M00052, L-$2.25, M-$1.80

No. 115 Recommended Practices for the Design, Operation and Maintenance of Marine Auxiliary Machinery Lubricating Systems 1968 (Includes ASME Standards No. 115A (Design Section only) Recommended Practices for the Design of Steam Turbine Driven Generator Lubricating Systems; 115B Recommended Practices for the Design of Marine Steam Turbine Driven Boiler Feed Pumps Lubricating Systems; 115C Recommended Practices for the Design of Marine Steam Turbine Driven Blowers Lubricating Systems), Book No. K00046, L-$4.00, M-$3.20

No. 115D Recommended Practices or the Design of Lubricating Systems for Marine Steam Turbine Pumps for Various Ships Services 1969, Book No. K00059, L-$2.75, M-$2.20

No. 116 Recommended Practices for the Design of Steam Turbine Generator Oil Systems 1968, Book No. K00047, L-$2.75, M-$2.20

No. 117 Recommended Practices for the Cleaning of Steam Turbine Generator Oil Systems 1968, Book No. K00048, L-$2.75, M-$2.20

No. 118 Recommended Practices for the Purification of Steam Turbine Generator Oil 1968, Book No. K00049, L-$2.75, M-$2.20

No. 119 Recommended Practices for the Flushing and Cleaning of Marine Auxiliary Machinery Lubricating Systems 1968, Book No. K00050, L-$2.75, M-$2.20

No. 120 Recommended Practices for the Design of Gas Turbine Generator Lubricating Oil Systems 1969, Book No. K00058, L-$2.75, M-$2.20

No. 121 Recommended Practices for the Purification of Lubricating Oil in Marine Steam Turbine Driven Auxiliary Machinery 1969, Book No. K00060, L-$2.75, M-$2.20

CSD-1 ASME Safety Code-Controls and Safety Devices for Automatically Fired Boilers, Book No. A00091, L-$7.50, M-$6.00

LOS-2C1 ASTM-ASME Recommended Practices for the Flushing and Cleaning of Lubricating Systems of Various Turbine Driven Pumps for Marine Service, Book No. K00062, L-$3.50, M-$2.80

LOS-4C1 ASTM-ASME Recommended Practices for Flushing and Cleaning of Gas Turbine Generator Lubricating Oil Systems, Book No K00063, L-$3.50, M-$2.80

LOS-5C1 ASTM-ASME Recommended Practices for the Flushing and Cleaning of Oil Systems for Lubrication and Control of Hydroelectric Equipment, Book No. K00065, L-$3.50, M-$2.80

LOS-5D1 ASTM-ASME Recommended Practices for the Design of Oil Systems for Lubrication and Control of Hydroelectric Equipment, Book No. K00068, L-$3.50, M-$2.80

LOS-5P1 ASTM-ASME Recommended Practice for the Purification of Oil Systems for Lubrication and Control of Hydroelectric Equipment, Book No. K00064, L-$3.50, M-$2.80

TWDPS-1 Recommended Practices for the Prevention of Water Damage to Steam Turbines Used for Electric Power Generation: Part I—Fossil Fueled Plants 1972, Book No. K00066, L-$4.00, M-$3.20

TWDPS-1 Recommended Practices for the Prevention of Water Damage to Steam Turbines Used for Electric Power Generation: Part II—Nuclear Fueled Plants 1973, Book No. K00072, L-$4.00, M-$3.20

—— Draft ASME Code for Pumps and Valves for Nuclear Power 1968 (With 1970 Addenda), Book No. N00047, L-$5.50, M-$4.40
Addenda only, Book No. N00050, L-$2.25, M-$1.80

—— ASME Guide for Gas Transmission and Distribution Piping Systems—1976 (Including all Addenda through December 1978), Book No. A00030, L-$100.00, M-$80.00

—— Binder for Gas Guide, Book No. A00028, L-$7.50, M-$6.00

BOOKS AND REPORTS

Aerospace

Annals of Reliability and Maintainability, 1971, Book No. H00025, L-$25.00, M-$12.50
Integrated Design and Analysis of Aerospace Structures, 1975, Book No. G00096, L-$12.00, M-$6.00
Measurement and Prediction of Structural and Biodynamic Crash-Impact Response, 1976, Book No. G00107, L-$20.00, M-$10.00
Reliability and Maintainability (Reprinted from Mechanical Engineering), 1966, Book No. H00054, L-$2.00, M-$1.00
1968 Reliability and Maintainability Conference Proceedings—"Annals of Assurance Sciences," 1968, Book No. I00053, L-$27.00, M-$13.50
Space Systems and Thermal Technology for the 70's; Aviation & Space Papers —Part I, 1970, Book No. I00073, L-$45.00, M-$22.50; Heat Transfer Papers—Part II, 1970, Book No. I00074, L-$45.00, M-$22.50
Structural Dynamic Aspects of Bladed-Disk Assemblies, 1976, Book No. H00098, L-$14.00, M-$7.00

Air Pollution

Ambient Air Quality Standards—Here We Are, What Do We Do? 1976, Book No. I00099, L-$30.00, M-$15.00
Cooling Tower Plume Modeling and Drift Measurement—A Review of the State-of-the-Art, 1975, Book No. H00088, L-$25.00, M-$12.50
Recommended Guide for the Prediction of the Disperision of Airborne Effluents —Second Edition, 1973, Book No. H00037, L-$6.00, M-$3.00

Applied Mechanics

Isolation of Mechanical Vibration, Impact and Noise—AMD-Vol. 1, 1973, Book No. G00047, L-$25.00, M-$12.50
Biomechanics Symposium—AMD-Vol. 2, 1973, Book No. G00033, L-$12.00, M-$6.00
Rock Mechanics Symposium—AMD-Vol. 3, 1973, Book No. I00012, L-$12.50, M-$6.25
Mechanics and Sport—AMD-Vol. 4, 1973, Book No. H00007, L-$25.00, M-$12.50
Surveys of Research in Transportaiion Technology—AMD-Vol. 5, 1973, Book No. H00006, L-$18.00, M-$9.00
Numerical Solutions of Nonlinear Problems—AMD-Vol. 6, 1973, Book No. H00036, L-$20.00, M-$10.00
Structural Optimization Symposium—AMD-Vol. 7, 1974, Book No. I00042, L-$18.00, M-$9.00
Applied Mechanics in Earthquake Engineering—AMD-Vol. 8, 1974, Book No. I00020, L-$22.00, M-$11.00
Reliability Design for Vibroacoustic Environments—AMD-Vol. 9, 1974, Book No. I00047, L-$18.00, M-$9.00
1975 Biomechanics Symposium—AMD-Vol. 10, 1975, Book No. I00090, L-$16.00, M-$8.00
Boundary-Integral Equation Method: Computational Applications in Applied Mechanics—AMD-Vol. 11, 1975, Book No. I00089, L-$14.00, M-$7.00
Vibration Testing—Instrumentation and Data Analysis—AMD-Vol. 12, 1975, Book No. I00091, L-$14.00, M-$7.00
Inelastic Behavior of Composite Materials—AMD-Vol. 13, 1975, Book No. I00093, L-$20.00, M-$10.00
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Propagation of Shock Waves in Solids—AMD-Vol. 17, 1976, Book No. I00102, L-$16.00, M-$8.00
Computing in Applied Mechanics—AMD-Vol. 18, 1976, Book No. I00108, L-$20.00, M-$10.00
Mechanics of Fracture—AMD-Vol. 19, 1976, Book No. I00105, L-$20.00, M-$10.00
Constitutive Equations in Viscoplasticity: Computational and Engineering Aspects—AMD-Vol. 20, 1976, Book No. I00106, L-$20.00, M-$10.00
Constitutive Equations in Viscoplasticity: Phenomenological and Physical Aspects—AMD-Vol. 21, 1976, Book No. I00107, L-$14.00, M-$7.00
The Mechanics of Viscoelastic Fluids-AMD-Vol. 22, 1977, Book No. I00110, L-$20.00, M-$10.00
1977 Biomechanics Symposium-AMD-Vol. 23, 1977, Book No. I00111, L-$30.00, M-$15.00
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Computational Approaches in Applied Mechanics, 1969, Book No. I00067, L-$19.50, M-$9.75
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Experimental Techniques in Shock and Vibrations, 1962, Book No. G00002, L-$9.00, M-$4.50
Fluid-Solid Interaction, 1967, Book No. G00059, L-$13.50, M-$6.75
Mathematical Theory of Dislocations, 1969, Book No. I00036, L-$16.50, M-$8.25
Proceedings of the U.S. National Congress of Applied Mechanics
7th—1974, Book No. G00085, L-$25.00, M-$12.50
6th—1970, Book No. G00078, L-$12.50, M-$6.25
4th—1962, Book No. H00024, L-$44.00, M-$22.00
Surface Crack: Physical Problems and Computational Solutions, 1972, Book No. H00029, L-$20.00, M-$10.00
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Synthesis of Vibrating Systems, 1971, Book No. H00072, L-$15.00, M-$7.50
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1976 Advances in Bioengineering, 1976, Book No. G00105, L-$7.00, M-$3.50
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1967 Biomechanical and Human Factors, 1967, Book No. G00050, L-$9.50, M-$4.75
Biomechanics, 1966, Book No. H00061, L-$10.50, M-$5.25
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1973 Biomechanics Symposium—AMD-Vol. 2, 1973, Book No. G00033, L-$12.00, M-$6.00
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Interactive Computer Graphics in Engineering, 1977, Book No. G00118, L-$8.00, M-$4.00

Controls

Control of Distributed Parameter Systems, 1969, Book No. G00032, L-$5.00,, M-$2.50
Differential Games: Theory and Applications, 1970, Book No. G00066, L-$6.00 M-$3.00
Dynamics of Automatic Controls, 1948, Book No. G00014, L-$7.00, M-$3.50
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Design Engineering Conference, 1960, Book No. I00035, L-$6.00, M-$3.00
Design for Elevated Temperature Environment, 1971, Book No. G00035, L-$7.50, M-$3.75
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Designing for High Impact Technology, 1967, Book No. G00048, L-$3.50, M-$1.75
Failure Prevention and Reliability, 1977, Book No. H00101, L-$30.00, M-$15.00
Finite Element Applications in Vibration Problems, 1977, Book No. H00102, L-$16.00, M-$8.00
Flexible Rotor-Bearing System Dynamics:
Part I—Critical Speeds and Response of Flexible Rotor Systems, 1972, Book No. H00042, L-$5.00, M-$2.50
Part II—Bearing Influence and Representation in Rotor Dynamics Analysis, 1972, Book No. H00046, L-$3.50, M-$1.75
Part III—Unbalance Response and Balancing of Flexible Rotors in Bearing, 1973, Book No. H00048, L-$4.00, M-$2.00
New Design Standards for Flexible Couplings, 1966, Book No. H00050, L-$3.50, M-$1.75
Physics of Fiber Contact, 1970, Book No. G00067, L-$4.00, M-$2.00

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Discussions only, Book No. H00008, L-$2.00, M-$1.00
Applications of Fluid Mechanics to Wind Engineering, 1975, Book No. I00088, L-$3.50, M-$1.75
Cavitation and Polyphase Flow Forum,—1977, Book No. I00109, L-$8.00, M-$4.00
Cavitation and Polyphase Flow Forum—1976, 1976, Book No. I00097, L-$10.00, M-$5.00

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Cavitation Forum—1970, (With Discussion Booklet), 1970, Book No. I00071, L-$5.50, M-$2.75
Cavitation in Fluid Machinery (With Discussion Booklet), 1965, Book No. H100043, L-$16.00, M-$8.00
Discussions only, Book No. H00062, L-$2.50, M-$1.25
Cavitation Research Facilities and Techniques (Including Discussions), 1964, Book No. I00044, L-$12.50, M-$6.25
Discussions only, Book No. I00052, L-$2.00, M-$1.00
Cavitation State of Knowledge (With Discussion Booklet), 1969, Book No. I00013, L-$18.50, M-$9.25
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A

Abbaspour, M., and Glicksman, L. R.
The Proper Use of Thermal Storages for a Solar Assisted Heat Pump Heating System. 76—WA/HT-76.

Abdou, M. A.
see **Stacey, W. M.**

Abdulhadi, R. S., and Chato, J. C.
Flow and Heat Transfer in Convectively Cooled Underground Electric Cable Systems: Temperature Distributions and Heat Transfer Correlations. 76—WA/HT-42.

Abdulhadi, R. S., and Chato, J. C.
Flow and Heat Transfer in Convectively Cooled Underground Electric Cable Systems: Velocity Distributions and Pressure Drop Correlations. 76—WA/HT-45.

Abrams, M.
The Effective Absorptance of a Semi-Transparent Layer on a Diffuse, Opaque Substrate. 76—HT-4.

Abrams, M.
The Temperature Distribution Along an Absorbing-Emitting Fluid Layer Flowing over an Opaque Substrate. 76—WA/Sol-5.

Abrishaman, M.
see **Putnam, A. A.**

Aburomia, M. M., Chu, A. W., and Cho, S. M.
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Acker, D. D.
Professional Aspects of Contemporary Management. 76—WA/Mgt-8.

Acosta, J.
see **Stringer, P. L.**

Adams, J. R.
see **Jones, J. W.**

Adler, D.
see **Hirsch, M.**

Adorian, A. S.
Insulated Well Casings for the Arctic. 76—Pet-87.

Advani, S. H., Shuck, L. Z., Chang, H. Y., and Gangarao, H. V.
Analytical and Experimental Investigations on Induced Fracturing of Reservoir Rock. 76—Pet-8.

Aepli, T. C.
see **Berry, W. E.**

Ahner, D. J., Pier, J. B., Schulz, R. P., and Gluckman, M.
Integrated Low Btu Gasification, Combined Cycle Plant Interface and Power System Control Considerations. 76—JPGC-GT-3.

Alger, T. W.
see **Comfort, W. J.**

Ali, M.
see **Proctor, C. L.**

Allen, C. W.
see **Mickelson, S. D.**

Allen, J., Levitz, N., Rabl, A., Reed, K., Schertz, W., and Winston, R.
Developments of Compound Parabolic Concentrators for Solar Thermal Applications? 76—WA/Sol-11.

Allen, R. W.
see **Anand, D. K.**

Allison, P. R., and Berman, P. A.
PACE 260 at Comanche, the First Two Years. 76—GT-109.

Al-Qureshi, H. A., and De Morais, G. A.
Analytical Investigation of Thin-Walled Tube Expansion by the Inversion Process. 76—DE-9.

Amana, O. M., Demuren, H. O., Louis, J. F., Sieverding, C., and Chauvin, J.
Aerodynamics and Heat Transfer at the Trailing Edge of Transonic Blades. 76—GT-95.

Amana, O. M.
see **Sieverding, C.**

A-Moneim, M. T., and Chang, Y. W.
Dynamic Response of LMFBR Primary Coolant Loop Components to Pressure Pulses. 76—PVP-52.

Anand, D. K., and Allen, R. W.
Solar Powered Absorption Cycle Simulation Using Real and Stochastic Weather Data. 76—WA/Sol-6.

Anand, R. K., and Reynolds, R. G.
Economical Removal of Sodium Water Reaction Products (SWRP) from an LMFBR Intermediate Heat Transport System (IHTS). 76—WA/HT-71.

Andeen, B. R., and Glicksman, L. R.
Heat Transfer to Horizontal Tubes in Shallow Fluidized Beds. 76—HT-67.

Anderson, J.
Fundamental Research Needs: A Status Report of the Task Force on Fundamental Research. 76—WA/RGPC-5.

Anderson, J. H.
Development History of the RCC Brine Concentrator for Concentrating Cooling-Tower Blowdown. 76—WA/Pwr-5.

Anderson, J. O.
see **Bergmann, H. W.**

Anderson, P. J.
see **Daniels, E.**

Anderson, P. M.
see **Savery, C. W.**

Anderson, R. A.
A Review of the Elastic Solution for Fracture Pressure. 76—Pet-96.

Anderton, G. L., and Harradine, P. J.
Improved Management of Finite Element Analysis. 76—WA/Aero-10.

Ando, Y.
see **Miyazaki, N.**

Andreychek, T. S.
see **Novendstern, E. H.**

Antinucci, J. D., and Linsteadt, G. F.
Federal Laboratory Technology Transfer - Fact or Fiction. 76—WA/Aero-3.

Anuskiewicz, T.
see **McLaughlan, P. B.**

Apostal, M. C.
see **Jordan, S.**

April, D., and Byrne, R.
Establishing Working Procedures for the Selection of Railroad Freight Car Trucks. 76—WA/RT-8.

Ardayfio, D.
Characteristics of the Dynamic Vibration Absorber with Elastically Supported Damper. 76—DE-43.

Ardayfio, D.
Dynamics of High-Speed Cam Mechanisms with Damped Flexible Followers Driven by Flexible Camshafts. 76—DET-63.

Ariga, I.
see **Mizuki, S.**

Armor, A. F.
Computer Design and Analysis of Turbine-Generator Fans. 76—WA/FE-9.

Arndt, C. R., and Barry, R. E.
Simulation of Spray Canal Cooling for Power Plants - Performance and Environmental Effects. 76—WA/HT-28.

Arnold, J. N., Edwards, D. K., and Catton, I.
Effect of Tilt and Horizontal Aspect Ratio on Natural Convection in Rectangular-Honeycomb Solar Collectors. 76—HT-18.

Arora, J. S.
see **Hsiao, M. H.**

Asada, T.
see **Kobayashi, A.**

Asano, K.
see **Yonekawa, M.**

Asbury, J. G., and Costello, K. W.
Price and Availability of Western Coal in the Midwestern Market. 76—IPC-PWR-7.

Aschauer, G.
The Redundant Omega Clutch - A Marine Propulsion Clutch for Turbines. 76—GT-65.

Ashworth, R. A.
see **Vyas, K. C.**

Askew, A. A.
Economic Treatment and Operation of Boilers. 76—IPC-PWR-3.

Askland, C. L.
see **Lyons, J. L.**

Astill, K. N., and Chung, K. C.
A Numerical Study of Instability of the Flow Between Rotating Cylinders. 76—FE-27.

Atkey, R. C.
see **Whitfield, A.**

Atkins, R. J.
see **Minushkin, B.**

Atkinson, W. H., and Strange, R. R.
Pyrometer Temperature Measurements in the Presence of Reflected Radiation. 76—HT-74.

Atwater, M. A., Ball, J. T., and Brown, P. S.
Intraregional Variation of Radiation Data and Applications for Solar Simulation. 76—WA/Sol-9.

Aude, T. C.,
see **Thompson, T. L.**

Auguste, J. C.
see **Campo, A.**

Auld, A. J.
An Approach to Measurement of Performance of a Combined Cycle Plant. 76—JPGC-GT-6.

Au-Yang, M. K., and Connelly, W. H.
A Computerized Method for Flow-Induced Random Vibration Analysis of Nuclear Reactor Internals. 76—WA/PVP-12.

Avitzur, B., and Kosher, R. A.
Disk and Strip Forging for the Determination of Friction and Flow Strength Values. 76—WA/Prod-7.

Ayres, R. U., and Narkus-Kramer, M.
An Assessment of Methodologies for Estimating National Energy Efficiency. 76—WA/TS-4.

Azar, J. J., and Randolph, V.
Deep Water Pipe-Lay Stresses. 76—Pet-79.

Aziz, A.
see **El-Ariny, A. S.**

B

Badr, O.
see **Karim, G. A.**

Bagshaw, K. W.
Icing Problems - Review of Simulated Ice Ingestion Tests. 76—GT-128.

Bailey, J. R.
see **Eckert, W. L.**

Bailey, R. L.
Rotating Shaft Seals: Part 2 - The Magnetic Fluid Seal Considered in the Context of Seven Previous Basic Types. 76—DET-97.

Baines, N. C.
see **Wallace, F. J.**

Baird, B.
Vibration Detection of Component Operability. 76—ENAs-18.

Baker, C. C.
Review of the Conceptual Design of a Doublet Fusion Experimental Power Reactor. 76—WA/NE-9.

Baker, L.
see **Cheung, F. B.**

Baker, P. H., and Schulze, F. W.
Progress in Railway Mechanical Engineering 1975-1976 Report of Survey Committee Locomotives. 76—WA/RT-6.

Bakken, G. B., and Fay, G. R.
Laboratory Techniques for Quantifying the Performance of Rail Vehicles Utilizing Servo-Controlled Hydraulic Vertical Actuators. 76—WA/RT-5.

Balasubramaniam, T. A., and Bowman, H. F.
Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique. 76—WA/Bio-5.

Baldwin, R. M.
see **Szenasi, F. R.**

Ball, D. A., Hissong, D. W., and Putnam, A. A.
The Use of Low-Energy Gas in the Petroleum Refining Industry. 76—Pet-23.

Ball, J. T.
see **Atwater, M. A.**

Ball, R. E.
see **Citerley, R. L.**
Ballestrasse, M.
see **Maine, R. B.**
Ballou, E. V., Wood, P. C., Spitze, L. A., and Wydeven, T.
The Preparation of Calcium Superoxide for Air Breathing and Scrubbing Applications. 76—ENAs-1.
Balukjian, H., and Gatzoulis, J.
Improved Specific Fuel Consumption of Open Cycle Gas Turbines by Utilization of Waste Heat. 76—GT-45.
Bamford, W. H., and Begley, J. A.
Techniques for Evaluating the Flaw Tolerance of Reactor Coolant Piping. 76—PVP-48.
Bammert, K., and Sandstede, H.
Gas Turbines Burning Dirty Fuels. 76—GT-66.
Banerjee, S., and Rao, J. S.
Coupled Bending-Torsion Vibrations of Rotating Blades. 76—GT-43.
Barach, D.
see **Smith, R. R.**
Bar-Cohen, A.
Negev Development - An Integrated Design Project for Mechanical Engineering Students. 76—DE-7.
Barna, P. S.
A Simplified Procedure for Designing Supersonic Air Ejectors. 76—DET-98.
Barnes, G. B.
see **Oosthuizen, P. H.**
Barnett, F. M.
see **Vyas, K. C.**
Barrett, W. J.
DYNA - A New Family of Controls: Development of a New Electronic Governor System for Internal Combustion Engines. 76—DGP-7.
Barrick, S. M., and Moore, G. F.
Empirical Correlation of Coal Ash Viscosity with Ash Chemical Composition. 76—WA/Fu-3.
Barron, I.
see **Canalizo, C.**
Barron, R. F., and Yeh, S. L.
Longitudinal Conduction in a Three-Fluid Heat Exchanger. 76—WA/HT-9.
Barry, R. E.
see **Arndt, C. R.**
Barsoum, R. S., and Loomis, R. W.
Inelastic Finite Element Cyclic Analysis of a Nozzle-to-Cylinder Intersection. 76—PVP-29.
Barstow, W. F.
Inert Gas Systems for Secondary Recovery. 76—Pet-86.
Barta, R. W.
see **Jacob, R. O.**
Bartholet, T. G.
see **Roidt, R. M.**
Bastow, D. C., and Seber, E. C.
Considerations in Designing High Temperature Dump Heat Exchangers. 76—JPGC-NE-7.
Bates, C. L.
see **Wachel, J. C.**
Baumgarten, J. R., and Fixemer, J. V.
A Note on a Probabilistic Study Concerning Linkage Tolerances and Coupler Curves. 76—DET-3.
Beard, J. T., Huckstep, F. L., May, W. B., Iachetta, F. A., and Lilleleht, L. U.
Analysis of Thermal Performance of "Solaris" Water-Trickle Solar Collector. 76—WA/Sol-21.
Bechtold, H.
see **Canalizo, C.**
Beck, W. E.
Inflight Engine Performance Evaluations. 76—GT-70.
Beckemeyer, R. J.
see **Patterson, J. D.**
Beckman, W. A.
see **Duffie, J. A.**
Beese, J. G., Peters, R. M., and Wade, M. V.
Flow Measuring Devices. 76—DE-23.
Begley, J. A.
see **Bamford, W. H.**
Beglinger, V., and Zerlauth, F.
Type 3 - Sulzer's New 5 MWE Gas Turbine. 76—GT-33.
Behar, J.
Extension Springs - Stress at the Body Radius. 76—DE-18.
Bejan, A.
Refrigeration for Forced-Cooled Large Superconducting Magnets. 76—WA/PID-4.
Bell, H. F.
Crude Oil Working Storage in a Gulf Coast Salt Dome. 76—Pet-67.
Benasutti, F. J.
Weighing the Risk of Patent Infringement. 76—DE-1.
Benedict, C. P.
Icebergs and Canadian East Coast Exploration. 76—Pet-103.
Bennett, R. G., and Golay, M. W.
Interferometric Investigation of Turbulently Fluctuating Temperature in an LMFBR Outlet Plenum Geometry. 76—WA/HT-82.
Bennett, R. P.
Fly Ash Conditioning to Improve Precipitator Efficiency with Low Sulfur Coals. 76—WA/APC-8.
Benson, R. S., Winterbone, D. E. and Shamsi, S. S.
A Real-Time Analogue Computer Simulation of a Turbocharged Diesel Engine. 76—WA/DGP-1.
Bergmann, H. W., Welch, D. W., and Anderson, J. O.
Design and Manufacture of Graphite Epoxy Payload Bay Doors for the Shuttle Orbiter. 76—WA/Aero-12.
Bergquam, J. B., and Wang, N. S.
Heat Transfer by Convection and Radiation in an Absorbing, Scattering Medium Flowing Between Parallel Plates. 76—HT-50.
Berkof, R. S.
Mechanism Case Studies III. 76—DET-59.
Berman, P. A.
Turbo Machinery Systems for Compressed Air Energy Storage. 76—JPGC-GT-1.
Berman, P. A.
see **Allison, P. R.**
Berry, W. E., Tremor, J. W., and Aepli, T. C.
Biomedical Experiments Scientific Satellite (BESS). 76—ENAs-57.
Bertoncini, P. J.
see **Stacey, W. M.**
Bertrand, R.
see **Hodges, J. L.**
Bessen, I. I.
see **Wortman, D. J.**
Bethune, A. E.
see **Strigner, P. L.**
Betten, P. R., and Paul, F. W.
Determination of the Point of Net Vapor Generation in Forced Convection Subcooled Boiling. 76—WA/HT-86.
Betten, P. R.
see **Desaulniers, W. E.**
Bevier, W.
see **Morihara, H.**
Bevier, W. E.
see **Acharya, A.**
Bhagat, N., and Hoffman, K. C.
Systems Framework for Materials Policy. 76—WA/TS-2.
Bhatti, M. S., and Savery, C. W.
Heat Transfer in the Entrance Region of a Straight Channel: Laminar Flow with Uniform Wall Heat Flux. 76—HT-20.
Bhumralkar, C. M.
Computer Simulation of Atmospheric Effects of Waste Heat Rejected from Conceptual Large Power Parks. 76—WA/HT-20.
Biaglow, J. A.
see **Diehl, L. A.**
Bickle, L. W.
see **Keltner, N. R.**
Bienert, W. B., and Wolf, D.A.
Heat Pipes in Flat Plate Solar Collectors. 76—WA/Sol-12.
Biffle, J. H., and Gubbels, M. H.
Inelastic Response of a Nuclear Pipe Elbow Subjected to Rupture Forces. 76—PVP-55.
Biles, J. E.
Energy Conservation Considerations for the Design of New Industrial Plants. 76—IPC-PWR-4.
Billups, M.
see **Kirchoff, R. H.**
Bingle, J. D.
see **Cheung, F. B.**
Birnbaum, B. H.
see **Lard, E. W.**
Blair, C. K., Boehm, R. F., and Jacobs, H. R.
Heat Transfer Characteristics of a Direct Contact Volume Type Boiler. 76—HT-23.
Blazowski, W. S.
see **Marzeski, J. W.**
Bloemer, J. W.
Evaluation of Multiple Noise Sources in a Large Room. 76—WA/PID-20.
Bloom, S.
Performance Evaluation on the Owens-Illinois Sunpack Solar Energy Collector. 76—WA/Sol-16.
Boehm, A. M.
A Regenerable CO_2 and Humidity Control System for Shuttle. 76—ENAs-60.
Boehm, R. F.
see **Blair, C. K.**
Boehm, R. F.
see **Hipsher, M. S.**
Boehm, R. F.
see **Jacobs, H. R.**
Boehm, R. F.
see **Swanson, S. R.**
Bogdanoff
see **Yang, T. Y.**
Bohm, G. J.
see **Lin, C. W.**
Bokaemper, J., and Mueller, K. H.
Optimized Expander Process in Operation in LNG Peakshaving Plant. 76—WA/PID-9.
Bolta, C. C.
see **Stacey, W. M.**
Bonsteel, D. L., and Kippenhan, C.
Collaborative Utilization of Computing Techniques to Achieve Energy-Effective Design of Buildings. 76—WA/HT-23.
Boord, L. F.
see **Buban, E. E.**
Booth, E. T.
see **Eckert, W. L.**
Borgatti, C.
see **Dinelli, G.**
Bornstein, N. S.
see **Mitchell, A. H.**
Bortman, J. S.
Small is Beautiful - Technology as if People Mattered. 76—WA/Aero-1.
Boutzale, W.
see **Labadie, P.**
Bowen, J. D.
see **Thornley, P. D.**
Bowman, H. F.
see **Balasubramaniam, T. A.**
Bowyer, J.
see **Chmielewski, R.**
Boyadjieff, G.
see **Gill, J.**
Boyce, L., and Kozik, T. J.
Deterministic and Probabilistic Foundation Forces Resulting from an Unbalanced Turbine. 76—GT-120.
Boyce, M. P., Elchuri, V., Trevillion, W. L., and Wohlschlegel, D. H.
Gas Turbine Cycles for the Process Industry. 76—GT-102.
Bozatli, A. N., Haberstroh, R. D., and Harper, J. M.
Heat Transfer by Contact Between Agitated Particles. 76—HT-61.
Bradley, W. E.
see **Frohrib, D. A.**
Branch, E. B., and Gascoyne, J. W.
Stress Limits for Class 2 and Class 3 Components Under Upset, Emergency, and Faulted Conditions. 76—PVP-61.
Brandon, C. A.
see **Gaddis, J. L.**
Brandon, H. J.
see **Eiswirth, E. A.**
Bravenec, E. V., and Hartzell, R. L.
High Notch Toughness Steel for Large LPG Tanks. 76—Pet-57.
Brentano, L. D., and Ray, D.
State-of-the-Art Computer Software Piping Analysis According to Section III of ASME B&PV Code. 76—WA/PVP-18.
Brinkman, P.
see **Ferrara, A.**
Bristol, E. H.
A Design Study of a Simple Conversational Language System. 76—WA/Aut-11.
Brockenbrough, R. L., and Steiner, J. E.
Autofrettaged Wire-Wrapped Pressure Vessels. 76—PVP-47.
Brombach, H., and Neumayer, H.
Tests on a Very Large Vortex Value. 76—WA/Flcs-9.
Brooks, J. N.
see **Stacey, W. M.**
Brown, G. A., and Buske, N.
Nonlinear Expanders for Diesel-Cycle Application - Part II: Temporal Effects. 76—DGP-16.
Brown, G. A.
see **Buske, N.**
Brown, J. S.
Large Seawater Supply Development for Water Injection. 76—Pet-85.

Brown, J. T., and Martin, D., and Stoll, O. T.
The Shuttle Orbiter Airlock Support Subsystem (ALSS). 76—ENAs-53.
Brown, L. E.
The Use of Experimental Interstate Data for Matching the Performance of Axial Compressor Stages Having Variable-Setting-Angle Blade Rows. 76—GT-42.
Brown, P. S.
see **Atwater, M. A.**
Brown, T. D.
see **Lee, G. K.**
Bruning, S. F.
see **Craig, J. I.**
Buban, E. E., and Boord, L. F.
Combined Short and Long Duration Self-Rescue Breathing Apparatus. 76—ENAs-31.
Buchberg, H.
see **Morris, P. A.**
Buchter, H. H.
Accurate Design Analysis of Flange Joints. 76—Pet-37.
Buckley, B. S.
see **Stargardt, W. W.**
Buehring, W. R.
Installation of Deep Offshore Pipelines (1000 Meter Depth) by Bottom Pull Method. 76—Pet-80.
Bukacek, R. F.
see **Kao, R. L.**
Bultzo, C.
Experiences with a Minicomputer-Based Machinery Monitoring System. 76—Pet-11.
Burgess, M. R.
see **Palmer, R. J.**
Burmeister, L.
see **Vankirk, J.**
Burnette, G. W.
see **Sozzi, G. L.**
Burrage, R. G.
see **Powell, R. G.**
Burton, J. H.
see **Frohrib, D. A.**
Burton, W. A.
High-Pressure Safety at the Lawrence Livermore Laboratory, An Energy Research Facility. 76—PVP-66.
Bury, K. V.
The Realibility of Probabilistic Mechanical Design. 76—WA/DE-7.
Buske, N., and Brown, G. A.
Nonlinear Expanders for Diesel-Cycle Application - Part I: An Introduction to Geometric Concepts and Analysis. 76—DGP-15.
Buske, N., and Brown, G. A.
Nonlinear Expanders for Diesel-Cycle Application - Part III: Design Considerations. 76—DGP-17.
Buske, N.
see **Brown, G. A.**
Butler, R. G.
see **Di Carlo, J. T.**
Butze, H. F.
see **Roberts, P. B.**
Buxton, O. E.
see **Weismantel, S. E.**
Buzek, J. R.
see **Epstein, H. I.**
Byrne, R.
see **April, D.**

C

Caffier, E., and Kohn, A. O.
CFM56 Turbofan Engines - General Electric/SNECMA Cooperative Engineering Development Program. 76—GT-78.
Callahan, W. D.
Design and Development of a Medium Speed Integral Angle Compressor Engine. 76—DGP-8.
Callegaro, P.
see **Dinelli, G.**
Callinan, J. P., and Kaiserman, M. J.
Heat Transfer in Soils with Freezing and Melting of Moisture. 76—WA/HT-22.
Calvert, G. S.
Program Plan for the Design and Spin Test of Ceramic Blade-Metal Disk Attachments. 76—GT-37.
Calvert, W. J.
see **Dransfield, D. C.**
Cambien, R. B.
New Design of PWR Reactor Vessel Using Large Forgings. 76—PVP-73.
Cambell, L.
see **Levis, H.**
Campo, A., and Auguste, J. C.
Laminar Heat Transfer in Ducts with Viscous Dissipation and Convective-Radiative Exchange at the Walls. 76—WA/HT-59.
Canalizo, C., Bechthold, H., and Barron, I.
The Gas Pump. 76—Pet-101.
Canavan, G.
see **Malik, P.**
Cantrell, C. J.
Waste Energy Conservation Techniques. 76—Pet-21.
Card, W. H., Ucar, M., Drucker, E. E., and LaGraff, J. E.
Generalized Weather Functions for Computer Analysis of a Solar-Assisted HVAC Systems. 76—WA/Sol-20.
Card, W. H.
see **Ucar, M.**
Carl, D. E., Obidinski, E. S., and Stumbar, J. P.
Visible Plume Investigation on a Combined Cycle Power Plant. 76—GT-15.
Carnes, T. N.
see **Jones, J. W.**
Carpenter, A. B.
A Compressor Manufacturer Looks at Pulse Dampeners. 76—Pet-14.
Carr, J. A.
see **Novendstern, E. H.**
Carroll, J. M.
see **Hall, J. L.**
Carstens, M. R., and Leva, D. W.
Design of a Capsule Pipeline. 76—Pet-34.
Carter, H. R., Watson, G. B., and Johnson L. E.
Functional Performance of a Two-Tube Helically-Coiled Once-Through Steam Generator. 76—WA/HT-69.
Caruso, P. S.
see **Steward, W. G.**
Casey, D. F.
see **Lee, Y. J.**
Caspi, S., Lee, J. Y., and Frederking, T. H. K.
He II - He I Two-Phase Convection in Cryo-Fluid He^4 Above the Critical Pressure. 76—WA/HT-58.
Caton, J. A.
Heterogeneous Catalysis of Lean Ethylene/Air Mixtures by Platinum Coated Wire Screens. 76—WA/GT-2.
Catton, I.
see **Arnold, J. N.**
Catton, I.
see **Suo-Anttila, A. J.**
Catton, I.
see **Yao, L. S.**
Cauley, S. P.
Utilization of Petroleum Crude Oils as Boiler and Combustion Turbine Fuels. 76—JPGC-Fu-2.
Chaiken, R. F.
see **Edwards, J. C.**
Chambers, J. W.
see **Roberts, W. E.**
Chan, T. C.
see **Mikielewicz, J.**
Chang, E. C., and Garrity, W. E.
Structural Reliability Assurance of a LMFBR Reactor Vessel. 76—WA/SAF-2.
Chang, H. Y.
see **Advani, S. H.**
Chang, Y. R., and Chen, F. Y.
Dynamic Characteristics of Contact-Separation in Mechanisms. 76—DET-14.
Chang, Y. W.
see **A-Moneim, M. T.**
Chapman, S.
Chlorofluorocarbons and the New York State Legislature. 76—WA/TS-13.
Chato, J. C.
see **Abdulhadi, R. S.**
Chatterjee, N., and Geist, J. M.
Spontaneous Stratification in LNG Tanks Containing Nitrogen. 76—WA/PID-6.
Chauvin, J.
see **Amana, O. M.**
Che, S. C., Deslate, W. D., and Duraiswamy, K.
The Occidental "Flash Pyrolysis" Process for Recovering Carbon Black and Oil from Scrap Rubber Tires. 76—ENAs-42.
Cheilas, N.
see **Jha, S. K.**
Chen, C. J., and Li, P.
Error Analysis of a Intrinsic Transient Heat Flux Sensor. 76—HT-62.
Chen, F. Y.
Mohr's Circle and Its Applications to Engineering Design. 76—DET-99.
Chen, F. Y.
see **Chang, Y. R.**
Chen, J.
see **Levy, E. K.**
Chen, J. C.
Heat Transfer to Tubes in Fluidized Beds. 76—HT-75.
Cheng, L.
see **Chmielewski, R.**
Cheng, Y. T. E.
see **Witte, L. C.**
Chenoweth, J. M., and Kistler, R. S.
Computer Program as a Tool for Heat Exchanger Rating and Design. 76—WA/HT-4.
Chenoweth, J. M.
see **Kistler, R. S.**
Cheung, F. B., Baker, L., and Bingle, J. D.
Diffusion of Heat in Concrete at Elevated Temperatures. 76—WA/HT-79.
Chiba, M.
see **Yoshimoto, K.**
Chicurel, E.
Torque Converter Spherical Wheel. 76—WA/DE-8.
Chiou, J. P.
Thermal Performance Deterioration in Crossflow Heat Exchanger Due to Longitudinal Heat Conduction in the Wall. 76—WA/HT-8.
Chmielewski, R., Vepa, K., Cheng, L., and Bowyer, J.
Fault Analysis of a Gas Turbine HTGR. 76—GT-99.
Cho, S. M., Chou, H. L., and Cox, J. F.
Thermal-Hydraulic Design of A Supercritical, Once-Through Steam Generator for the Molten-Salt Breeder Reactor Plant. 76—JPGC-NE-9.
Cho, S. M.
see **Aburomia, M. M.**
Chohan, S. M.
Automated Dynamic Load Simulator - A Useful Tool in Evaluating Cranking System Design. 76—DE-13.
Chohan, S. M.
Optimizing Designs of Machines and Mechanisms by Functional Approach. 76—DET-15.
Chopin, M. H.
Advanced Composite Fan Blade Flight Evaluation Program. 76—GT-75.
Chou, H. L.
see **Cho, S. M.**
Chow, W. W.
Snap Fit Design Concepts. 76—WA/DE-3.
Chrisman, B.
Developing a New Series of Stationary Vee Gas Engines. 76—DGP-14.
Chu, A. W.
see **Aburomia, M. M.**
Chu, C. L., Wolf, S., and Dalcher, A. W.
Oscillatory Dryout Related Thermal Stresses in Clean Steam Generator Tubes. 76—JPGC-NE-2.
Chu, E. N., and KU, F. S.
Water Jet-Centrifugal Pump Combination for Large Steam Power Plant Condensate System. 76—JPGC-Pwr-2.
Chuang, M. C.
The Frost Formation on Parallel Plates at Very Low Temperature in a Humid Stream. 76—WA/HT-60.
Chulick, E. T., and McDaniel, T. L.
Radiochemical Evaluation of Babcock and Wilcox's Commerical Pressurized Water Reactor Fuel Performance. 76—WA/NE-19.
Chung, B. T. F., and Yeh, L. T.
Nonlinear Transient Heat Transfer in Composite Slabs. 76—HT-39.
Chung, B. T. F.
see **Yeh, L. T.**
Chung, J. S.
Hydrodynamic Forces on a Marine Riser: A Velocity-Potential Method. 76—Pet-81.
Chung, K. C.
see **Astill, K. N.**
Chunsiripong, T., and Soni, A. H.
Synthesis of R-S-S-R Mechanism for Coordinating Input-Output Displacements for Finitely and Infinitesimally Separated Positions. 76—WA/DE-5.
Cigal, A. L.
"Do It Yourself" Maintenance - An on Site Approach to Lower Costs and Improved Equipment Availability. 76—GT-108.

Citerley, R. L., Gibson, W. C., and Ball, R. E.
Response of a Cylindrical Fluid Container to Seismic Motion. 76—PVP-28.
Clark, D. C.
see **Schubert, F. H.**
Clark, R. E.
see **Swanson, W. M.**
Clarke, S. F.
see **Yilmaz, B. S.**
Claus, W.D.
Bioengineering Considerations in the Design of Protective Headgear. 76—WA/Bio-8.
Clausing, A. M.
Optimum Sensor Location in Transient Calorimeters. 76—HT-63.
Clay, J. P.
Heat Transfer Through a Freezing or Melting Surface 76—WA/HT-55.
Clayton, F. I.
Heatshield Sizing for Erosive Environments. 76—ENAs-36.
Clomburg, L. A.
Convection in an Enclosure-Source and Sink Located Along a Single-Horizontal Boundary. 76—HT-22.
Cochran, B. T.
Mine Rescue Team Helmet. 76—ENAs-69.
Cochran, R. P., Norris, J. W., and Jones, R. E.
A High-Pressure, High-Temperature Combustor and Turbine-Cooling Test Facility. 76—WA/GT-4.
Cohen, P., and Efferding, L. E.
Post-Critical Heat Flux Fouling by System Corrosion Products in a Model Sodium Heated Steam Generator. 76—WA/NE-12.
Collier, R. K., and Matthew, G. K.
Analysis of a Flat Mirror Solar Concentrator 76—WA/HT-11.
Colombo, G. V., and Putman, D. F.
Experimental Study of the Constituents of Space Wash Water. 76—ENAs-11.
Colpin, J.
see **Sieverding, C.**
Colver, G. M.
Bubble Control in Gas Fluidized Beds with Applied Electric Fields. 76—HT-69.
Combs, L. P., and Okuda, A. S.
Design Criteria for Reducing Pollutant Emissions and Fuel Consumption by Residential Oil-Fueled Combustors. 76—WA/Fu-10.
Comfort, W. J., Alger, T. W., Giedt, W. H., and Crowe, C. T.
Calculation of Two-Phase Dispersed Droplet-in-Vapor Flows Including Normal Shock Waves. 76—WA/FE-31.
Conn, W. M.
Direct Raw Sewage Reverse Osmosis: Reclamation of Waste Water at San Diego. 76—ENAs-45.
Connelly, W. H.
see **Au-Yang, M. K.**
Conway, L.
see **Sun, C. L.**
Cook, N. H.
see **Nebo, A. C.**
Cook, R. M.
see **Morella, N. A.**
Cooper, G. P.
Energy Conversion Research - An Assessment of Needs in the U. S. A. 76—WA/RGPC-6.
Coplan, B. V.
see **Mayo, P. J.**
Coppo, R. H.
Design of a Nuclear Reactor Pressure Vessel and Closure Head for Maritime Application. 76—PVP-2.
Costello, F. A.
see **Meakin, J. D.**
Costello, K. W.
see **Asbury, J. G.**
Coulter, D. M.
Design Parameters for LNG-Crude Oil Slurry Pipelines. 76—Pet-16.
Coulter, D. M.
LNG-Crude Oil Slurry Cryogenic Pipelines. 76—WA/PID-8.
Cousins, S. J.
see **McKechnie, R. E.**
Couts, W. H.
see **Coyne, J. E.**
Cowley, L. W.
see **Feldman, K. T.**
Cox, J. E.
Legislative Insight Into "The Metric Conversion Act". 76—WA/TS-14.
Cox, J. E.
see **Witte, L. C.**
Cox, J. F.
see **Cho, S. M.**
Coyne, J. E., and Couts, W. H.
Progress in Manufacturing Practices for a Warm-Worked Superalloy. 76—GT-110.
Craig, J. I., Williams, J. R., Bruning, S. F., and Hartman, T.
Design and Simulation Studies for the Shenandoah Community Center Large-Scale Solar Cooling Demonstration. 76—WA/Sol-15.
Cravalho, E. G.
see **Huggins, C. E.**
Cravens, E. W.
see **Lewis, W. B.**
Cremers, C. J.
Environmental and Conservation Research Needs in the Eighties. 76—WA/RGPC-2.
Critelli, F. X.
see **Folenta, D. J.**
Croft, M.
see **Openshaw, F.**
Crooker, T. W.
The Role of Fracture Mechanics in Fatigue Design. 76—DE-5.
Crose, J. G., Mack, T. E., Wolley, G. R., and Smith, R. E.
Nonlinear Finite Element Analysis of Buttress Threaded Casing Connections. 76—Pet-82.
Crowe, C. T.
see **Comfort, W. J.**
Crowe, C. T.
see **Sharma, M. P.**
Crowe, C. T.
see **Tai, J.**
Curti, G., and Orlando, M.
A New Calculation of Coned Annular Disk Spring. 76—WA/DE-9.
Czayka, M.
see **Madey, R.**
Czul, J.
see **Saber, A. J.**

D

Dahlman, G. E.
see **Novak, G. E.**
Dalcher, A. W., and Yang, T. M.
Elastic-Plastic Analysis of Dissimilar Metal Welded Pipe Joint. 76—PVP-17.
Dalcher, A. W.
see **Chu, C. L.**
Daman, E. L.
Activities and Accomplishments of the Task Force on Design, Materials and Manufacturing Research. 76—WA/RGPC-3.
Dandrea, A. J.
An On-Line Computer Application in Maintenance. 76—WA/Mgt-10.
Danekind, W. E.
Energy Conservation - Steam Management in a Refinery. 76—Pet-73.
Daniels, E., and Anderson, P. J.
Liquefied Natural Gas Imports: The Potential for Additional Sources of Natural Gas for Electric Power Generation. 76—JPGC-Fu-3.
Davis, L. B., Farrell, R. A., and Hill, W. E.
Total Flame Radiation and Two Color Flame Temperature in Industrial Gas Turbine Combustion Systems. 76—HT-57.
Davis, L. R.
see **Kannberg,** L. D.
Davis, S. H., and Kissinger, L. D.
CO_2 and Humidity Removal System for Extended Shuttle Missions: Equilibrium Testing and Performance Analysis. 76—ENAs-56.
Dayan, J.
see **Hirsch, M.**
Dean, M. R., and Kent, R. A.
A New Leak-Free Sealing System for a Downhole Safety Valve. 76—Pet-99.
Deane, T. N.
see **Lard, E. W.**
Decuyper, M.
see **Sieverding, C.**
Deeds, H. S.
see **Jacobs, H. R.**
Defur, D. D.
Duplex Bayonet Tube Steam Generator for Liquid Metal Fast Breeder Reactor Application. 76—JPGC-NE-6.
Dehkordi, G. B.
see **Holmes, R. E.**
Dekker, J. G.
see **Duffie, J. A.**
De Lancey, W. H.
Efficiency of Discrete Gear Transmissions as a Means of Starting and Accelerating Automotive Vehicles. 76—DE-40.
Delany, J. T., and Jenkins, G. M.
XFV-12A Propulsion System Development. 76—GT-125.
De Morais, G. A.
see **Al-Qureshi, H. A.**
Demuren, H. O.
see **Amana, O. M.**
Dent, J. R., and Le Fevre, H. P.
Advancements and Application of Programmable Analog Control Technology. 76—GT-122.
Desaulniers, W. E., and Betten, P. R.
Structural and Thermal-Hydraulic Design of a Sodium Heated Duplex Bayonet Tube Steam Generator. 76—WA/HT-74.
Deslate, W. D.
see **Che, S. C.**
Deutsch, S.
see **Mallory, K. M.**
Deweese, J. L., and Ditto, D. H.
Advanced Design "Magnetic Jack" Control Rod Drive Mechanism System. 76—WA/NE-1.
Diamond, S., Packard, C., San Martin, R. L., Shaw, H., Smith, P. R., and Stevens, W.
The New Mexico Department of Agriculture Solar Heated and Cooled Building. 76—WA/Sol-10.
Dibelius, N. R.
A Review of Specifications for Methods of Measuring Emissions of Air Pollutants and Effluent of Water Pollutants. 76—GT-107.
Dibelius, N. R.
see **Touchton, G. L.**
Di Carlo, J. T., and Butler, R. G.
Using Digital Control for Utility Boiler Sootblower Systems. 76—JPGC-Pwr-8.
Dickson, J.
Problems Associated with Cold Weather Operation of Gas Turbines. 76—GT-129.
Dicristina, V., Hoercher, H., and Siegelman, D.
A Coupled 10 MW Arc Ablation-Erosion Test Facility. 76—ENAs-66.
Diehl, L. A., and Biaglow, J. A.
Swirl-Can Combustor Performance to Near-Stoichiometric Fuel-Air Ratio. 76—GT-10.
Dietrich, D. E.
Experimental-Analytical Correlation for the Pressure Analysis of a Loop Isolation Valve Body. 76—PVP-69.
Dinelli, G., Borgatti, C., Callegaro, P., and Rea, M.
An Investigation of the Physical Properties of Fly-Ash Influencing the Performance of Electrostatic Precipitators. 76—WA/APC-4.
Ditto, D. H.
see **Deweese, J. L.**
Dodd, V. R.
see **Hudachek, R. J.**
Dodge, C.
see **Levy, E. K.**
Dodge, P. R.
A Non-Orthogonal Numerical Method for Solving Transonic Cascade Flows. 76—GT-63.
Dorman, F.
see **Erdman, A. G.**
Drake, G. L., and Heppner, D. B.
Organism Support for Life Sciences Spacelab Experiments. 76—ENAs-17.
Dransfield, D. C., and Calvert, W. J.
Detailed Flow Measurements in a Four Stage Axial Compressor. 76—GT-46.
Dreksler, M. Y.
see **Scheel, L. F.**
Dreshfield, R. L.
see **Tewari, S. N.**
Driggs, C. L.
see **Hobson, M. J.**
Drucker, E. E.
see **Card, W. H.**
Drucker, E. E.
see **Ucar, M.**
Duckwitz, N. R.
see **Li, K. W.**
Ducot, R.
see **Levis, H.**
Dufek, W. L., Jelovich, J. J., and Neuner, J. A.
A Fault Tolerant, Multiplexed Control Rod Position Detection and Indication System for Nuclear Power Plants. 76—WA/NE-7.

Duff, W. S.
Optical and Thermal Performance Analysis of Three Line Focus Collectors. 76—WA/HT-15.
Duff, W. S., and Shaner, W. W.
Solar Thermal Electric Power Systems: Manufacturing Cost Estimation and Systems Optimization. 76—WA/HT-14.
Duffie, J. A., Beckman, W. A., and Dekker, J. G.
Solar Heating in the United States. 76—WA/Sol-8.
Dukkipati, R. V., Soni, A. H., and Pamidi, P. R.
Existence Criteria of Two-Loop Six-Link Mechanisms with Two General Constraints. 76—DET-64.
Duplessis, M. P.
see **Tsang, S.**
Duraiswamy, K.
see **Che, S. C.**
Durocher, L. L., Gasper, A., and Rhoades, G.
Finite Element Alternatives in Axisymmetric Stress Analysis. 76—DE-3.
Dwyer, H. A.
see **Johnston, S. C.**

E

Eastman, J. M., and Thoman, D. C.
Fluidic Compressor Bleed Valve Control for Small Gas Turbine Engines. 76—WA/FLcs-7.
Eck, B. J.
see **Novak, G. E.**
Eck, R. S.
see **Heincker, W. R.**
Eckert, W. L., Booth, E. T., Emerson, P. D., and Bailey, J. R.
Fly-Shuttle Loom Noise Source Identification. 76—DE-39.
Edelston, B. S., Rubin, E. S., and Tarr, J. A.
Assessment of Public Policy for Coal Utilization in Pennsylvania Electric Utilities. 76—WA/TS-5.
Edkie, R. G.
Some Experimental Invesitgations of Heating Effects Caused by Non-Uniform Electric Fields. 76—WA/HT-44.
Edmonson, A. J., and Moore, R. A.
Dynamic Testing of a Redundant Reeving Hoist. 76—WA/DE-6.
Edwards, D. K.
see **Arnold, J. N.**
Edwards, D. K.
see **Morris, P. A.**
Edwards, J. C., Perlee, H. E., and Chaiken, R. F.
Flame Spread in a Duct Fire. 76—HT-56.
Efferding, L. E., Hwang, J. Y., and Waszink, R. P.
Interim Evaluation of Exposure Conditions for the Water-Side Corrosion Test of a Sodium Heated Steam Generator Evaporator Model Employing a Duplex Tube. 76—JPGC-NE-5.
Efferding, L. E.
see **Cohen, P.**
Efferding, L. E.
see **Hwang, J. Y.**
Ehmsen, R. J., Taga, T. M.
Heat Transfer Across Centrifugally Stabilized Liquid-Liquid Interfaces: Application to Extracorporeal Heat Exchanger Design. 76—WA/Bio-9.
Ehrlich, S.
see **Stringer, J.**
Eisenhofer, J. J.
see **Schuetzenduebel, W. G.**
Eiss, N. S., and Warren, J. H.
Current Advances in Surface Characterization. 76—DET-88.
Eiswirth, E. A., Kipp, H. W., Brandon, H. J., and Masek, R. V.
An Experimental Investigation of Ogive Film Cooling. 76—ENAs-39.
EL-Ariny, A. S., and Aziz, A.
Thermal Entrace Region Heat Transfer in Plane Couette Flow of a Non-Newtonian Fluid. 76—WA/HT-41.
Elchuri, V.
see **Boyce, M. P.**
Elfarr, J.
The Chamber Pump and its Application to Hot Wells. 76—Pet-91.
Elrod, A. C.
see **Gaddis, J. L.**
Elsayed, E. A.
see **Proctor, C. L.**
Emerson, P. D.
see **Eckert, W. L.**
Emery, A. F., Yang, A., and Wilson, J. R.
Free Convection Heat Transfer to Newtonian and Non-Newtonian High Prandtl Number Fluids from Vertical and Inclined Plates in a Fluid with a Free Surface. 76—HT-46.
Eng, K. Y.
see **Lee, Y. J.**
Engel, F. C.
see **Minushkin, B.**
Ephraim, M., Kotlin, J. J., and Williams, H. A.
A Versatile Two-Cycle Diesel Engine - The EMD Model 645 Series. 76—DGP-5.
Ephraim, M., and Quinn, H. E.
Electrification and New Electric Locomotive Designs. 76—WA/RT-7.
Epstein, H. I., and Buzek, J. R.
Stresses in Floating Roofs. 76—Pet-74.
Epstein, M.
Stability of A Submerged Frozen Crust. 76—WA/HT-81.
Erdman, A. G., Dorman, F., Isaacson, R. J., Scott, D., and Weinberg, R.
Steroscopic Instrumentation for Analyzing Gross Motion. 76—DET-69.
Erdman, A. G.
see **Hagen, D. L.**
Estrine, E.
see **Openshaw, F.**
Evans, D. J.
Powder Metallurgy Processing of High Strength Turbine Disk Alloys. 76—GT-96.
Evans, D. L., and Wood, B. D.
Solar Heating and Cooling and Energy Conservation Potentials for Commercial Buildings. 76—WA/Sol-17.
Evans, K.
see **Stacey, W. M.**
Eyth, J.
see **McNamara, J. E.**

F

Fairbanks, J. W.
Coating Technology for the Marine Gas Turbine Airfoil Application. 76—GT-111.
Farber, E. A., Morrison, C. A., and Ingley, H. A.
A Self-Contained Solar Powered Tracking Device. 76—WA/HT-26.
Farley, D. L.
Status of Drill Stem Testing Tools for Offshore Applications. 76—Pet-72.
Farley, D. L., and Jeffords, C.
Recently Developed Tools Aid in Stimulation of Production Wells. 76—Pet-66.
Farrar, F. A.
see **Michael, G. J.**
Farrell, R. A.
see **Davis, L. B.**
Fasolo, J. A.
see **Stacey, W. M.**
Fay, G. R.
se **Bakken, G. B.**
Fazzolari, C., and Pagano, L. E.
The Shaping of American Engineers' Consciousness of Women's Issues. 76—WA/TS-6.
Feldman, K. T., Lu, D. C., and Cowley, L. W.
Computer Aided Design of a Shell and Tube Heat Exchanger for Oil and Asphalt Heating. 76—WA/HT-6.
Felland, J. R.
see **Morris, P. A.**
Fenton, R. G., and Lo, C.-H.
Computer Aided Design of Disc Cams. 76—DET-62.
Fenton, R. G., and Steiner, M. L.
The Use of Simulation and Optimization in the Design of Rail Transportation Systems. 76—DET-87.
Ferer, K. M.
see **Skop, R. A.**
Ferrara, A., and Brinkman, P.
Applying Heat Pipes to Avoid the Preferential Freezing of Highway Bridge Decks. 76—ENAs-25.
Ferrigno, D. P., and Montgomery, C. R.
Radwaste Treatment Study for a Once Through Steam Generator Cleaning Solution. 76—WA/NE-6.
Fessett, D. J.
Study of Light Weight Turbine Transmission Systems. 76—GT-121.
Fevrier, G.
see **Fevrier, D.**
Fevrier, D., Fevrier, G., Vernet, J. L., and Mignon, P.
Decomposition of Some Halogenated Hydrocarbons Over a Fixed Bed of Platinum - Alumina, Alumina or Molecular Sieves. 76—ENAs-2.
Fewell, T. E.
see **Penfield, S. R.**
Fischer, H. C., and Nephew, E. A.
Application of the Ice-Maker Pump to An Annual Cycle Energy System. 76—WA/ENer-4.
Fischer, R. D.
see **Putnam, A. A.**
Fitzmaurice, R. W., and Winkelman, F. W.
Recent Practices in Handling the Products of Combustion from Venezuelan Residual Fuel Oil. 76—JPGC-Pwr-9.
Fixemer, J. V.
see **Baumgarten, J. R.**
Flannigan, L. J.
see **Novendstern, E. H.**
Fleming, M. L.
Development Testing of a Self-Contained Heat Rejection Module. 76—ENAs-33.
Flury, R. L.
see **Morales, W. J.**
Folayan, C. O., and Whitelaw, J. H.
The Effectiveness of Combined Tangential and Normal Film-Cooling Slots with Finite Lip. 76—HT-30.
Folayan, C. O., and Whitelaw, J. H.
The Effectiveness of Two-Dimensional Film-Cooling Over Curved Surfaces. 76—HT-31.
Folenta, D. J., Motzer, J., and Critelli, F. X.
Design and Development of High Horsepower Marine Planetary Gears. 76—GT-28.
Foley, D.
Carburization Failure of Type 304 Stainless Tubes in LNG Service. 76—Pet-76.
Forsch, H.
see **Hadcock, R. N.**
Forsythe, R.
see **Madey, R.**
Fortescue, P.
see **McDonald, C. F.**
Foster, J. L.
A Study of Various Methods of Drill String Make-up. 76—Pet-92.
Foster, K.
A Note on the Transfer of Technology Between Universities and the Fluid Power Industry in the U.K. 76—DET-85.
Foster, T. F.
see **Maurer, R. E.**
Fox, T. H.
Appropriate Technology for Developing Countries. 76—WA/TS-11.
Fraas, A. P., Samuels, G., and Lackey, M. E.
A New Approach to a Fluidized Bed Steam Boiler. 76—WA/Pwr-8.
Frabotta, D., and Rader, P. C.
Lime/Limestone Air Quality Control Systems; Effect of Magnesium on System Performance. 76—WA/APC-10.
Frant, M. S.
see **West, S. J.**
Frarey, J. L.
Influence of Shaft Runout on Vibration Analysis. 76—DE-38.
Fraser, A. S., Wells, A. F., Tenoso, H. J., and Linnecke, C. B.
Development of a Preliminary Design of a Method to Measure the Effectiveness of Virus Exclusion During Water Process Reclamation at Zero-G. 76—ENAs-32.
Frederking, T. H.
see **Caspi, S.**
Friedman, E., and Sattinger, S. S.
Temperatures and Distortions Induced by Omega Seal Closure Welding. 76—WA/PVP-20.
Frohrib, D. A., Burton, J. H., Timm, G. W., Bradley, W. E., and Scott, F. B.
Mechanical Hardware Analysis of an Implantable Fluid System for Treatment of Urinary Incontinence. 76—DE-26.
Frohrib, D. A.
see **Perso, J. C.**
Fryxell, R. E.
see **Wortman, D. J.**
Fujisaki, Y.
see **Kunitomo, T.**
Fujita, N., Irani, A. A., Mecham, D. C., and Sawtelle, G. R.
Effects of Modeling Variations on RELAP4

Predictions of Standard Problem Five. 76—WA/HT-52.

Fujita, R. K., and Hughes, E. D.
Comparisons of RELAP4 Predictions with Steady-State Two-Phase Critical Flow Data. 76—WA/HT-51.

G

Gaal, S. L., Perr, J. P., Muntean, G. L., and Wilson, H. L.
The PT-ECON - A New Injector Concept for the D. I. Diesel to Improve Smoke and Fuel Consumption at Low Emission Levels. 76—DGP-13.

Gaddis, J. L., Elrod, A. C., and Brandon, C. A.
An Evaluation of the Potential Energy Conservation Associated with Beck Dyeing. 76—Tex-6.

Gajendran, F.
On the Design of Servo Systems with Low Sensitivity. 76—WA/Aut-4.

Gangarao, H. V.
see **Advani, S. H.**

Ganić, E. N., and Rohsenow, W. M.
On the Mechanism of Liquid Drop Deposition in Two-Phase Flow. 76—WA/HT-18.

Gardner, G. C.
Evaporation of Small Water Drops Containing Salt in a High Pressure Steam Environment. 76—WA/FE-35.

Garg, P.
A Preliminary Assessment of Solar Energy Technology. 76—WA/TS-1.

Garner, L. L., and Miller, D. J.
Rotary Drilling Bits 1976. 76—Pet-93.

Garrity, W. E.
see **Chang, E. C.**

Gascoyne, J. W.
see **Branch, E. B.**

Gasper, A.
see **Durocher, L. L.**

Gatzoulis, J.
see **Balukjian, H.**

Gaul, H. P.
see **Riedle, K.**

Gee, S.
Closing the Gap Between Research and Practice. 76—DET-86.

Geist, J. M.
see **Chatterjee, N.**

Gell, M., and Thomas, K. M.
Development and Design of Directionally Solidified Eutectic Airfoils for Advanced Gas Turbine Engines. 76—GT-32.

Gerdeen, J. C.
see **Sazawal, V. K.**

Gerhold, B. W.
see **Grondahl, C. M.**

Ghai, R. C., Singh, D. V., and Sinhasan, R.
Externally Pressurized Oil Bearings - A Review. 76—DET-94.

Ghia, K. N., Ghia, U., and Studerus, C. J.
Analytical Formulation of Three-Dimensional Laminar Viscous Flow Through Turbine Cascades Using Surface-Oriented Coordinates. 76—FE-22.

Ghia, U.
see **Ghia, K. N.**

Gibson, W. C.
see **Citerley, R. L.**

Giedt, W. H.
see **Comfort, W. J.**

Gilbert, N.
Procedure for the Determination of Thermal Stresses in 3-Shell Junctions Common to Pressure Vessel Construction. 76—PVP-53.

Gill, H. S.
Engineering Management - A Challenge in Leadership. 76—DE-11.

Gill, J., and Boyadjieff, G.
Training Requirements to Accompany Advancement and Technology - A Manufacturer's and Supplier's Viewpoint. 76—Pet-7.

Gill, W., and Shouman, A. R.
State of the Art Review of Sliding Vane Machinery. 76—DET-90.

Gillespie, G. P.
The Mini Boat: A Life Boat for Helicopter Crewman. 76—ENAs-61.

Gillingham, G. R.
A New System for Preventing Icing of Gas Turbine Inlets. 76—GT-84.

Gilpin, R. R.
The Ground Temperature Boundary Condition Provided by a Moss Covered Surface. 76—WA/HT-61.

Gimera, R. J.
see **Johanson, J. C.**

Girolami, C.
see **Saber, A. J.**

Glance, P. M.
Structural Equivalency Between Plastic and Steel. 76—DE-4.

Glassman, H. N.
see **Harsha, P. T.**

Glick, G. L.
see **Mickelson, S. D.**

Glicksman, L. R.
see **Abbaspour, M.**

Glicksman, L. R.
see **Andeen, B. R.**

Gluckman, M.
see **Ahner, D. J.**

Godfrey, R.
see **Velkoff, H. R.**

Godfrey, R. D., and Mumma, S. A.
Thermal Performance of Paraffin Phase Change Materials Dispersed in a Concrete Mortar Filler Matrix. 76—WA/HT-33.

Gogia, G. L.
see **Patel, D. K.**

Goland, Y.
Mechanical and Structural Design Consideration for Internals in Electrostatic Precipitators. 76—WA/Pwr-7.

Golay, M. W.
see **Bennett, R. G.**

Golay, M. W.
see **Stetkar, J. W.**

Goldbrunner, P. R., and Savoie, L.
Air Inlet Filtration for Gas Turbine Units. 76—GT-81.

Goldfinch, A. L.
see **Mikielewicz, J.**

Goldhoff, R. M.
Appropriate Technology: An Approach to Satisfying the Technical Needs of Developing Countries. 76—WA/TS-12.

Goldstein, J. K.
Cooling Methods for Aircraft Electronics Equipment. 76—ENAs-51.

Goldstein, P.
Effeuent Reduction Through Water Conservation and Reuse as Pollution Control Measures for Petroleum Refineries. 76—Pet-71.

Gonnella, V.
see **Malik, P.**

Gonzalez, J. I., and Waugh, C. E.
SPRINT I Environmental Control. 76—ENAs-27.

Gooch, A., and Wallace, D. W.
Wear Protection for Casing and Tool Joints. 76—Pet-88.

Goodwin, L. G.
see **Guenther, D. A.**

Gordon, J. L.
Three-Dimensional Evaluation of a Large Circular Disc with Circular Penetrations. 76—WA/PVP-8.

Gordon, J. L.
Outcur: An Automated Evaluation of Two-Dimensional Finite Element Stresses According to ASME Section III Stress Requirements. 76—WA/PVP-16.

Gordon, J. L.
see **Jones, D. P.**

Goree, W.
see **King, C. R.**

Gorman, D. J.
A Comprehensive Free Vibration Analysis of Rectangular Plates with Two Opposite Edges Simply Supported. 76—WA/DE-13.

Gosman, A. D., Koosinlin, M. L., Lockwood, F. C., and Spalding, D. B.
Transfer of Heat in Rotating Systems. 76—GT-25.

Gostelow, J. P., and Watson, P. J.
A Closed Circuit Variable Density Air Supply for Turbomachinery Research. 76—GT-62.

Gottlich, F. J.
see **Kayloe, F. B.**

Graff, W. J.
Junction Stresses for a Conical Section Joining Cylinders of Different Diameter Subject to Internal Pressure. 76—Pet-31.

Gray, A. M., and Rajagopalan, R.
Thermal Design and Test of the CTS Deployable Solar Array. 76—ENAs-26.

Gray, S., Sparks, N., and McCormick, J.
The Application of Gas- and Oil-Lubricated Foil Bearings for the ERDA/Chrysler Automotive Gas Turbine Engine. 76—GT-115.

Green, B. D., and Steinfeld, J. I.
Monitoring Complex Trace-Gas Mixtures by Long-Path Laser Absorption Spectrometry. 76—ENAs-8.

Green, L.
Hydroretorting of Oil Shale with Nuclear Process Heat. 76—WA/Ener-3.

Greenough, B. M., and Thomas, N. T.
Electrolytic Urine Pretreatment. 76—ENAs-19.

Gregor, W.
The Interaction Between Particles and Gas in An Air Classifier. 76—WA/FE-32.

Griepentrog, H., and Sackarendt, P.
Vaporization of LNG with Closed-Cycle Gas Turbines. 76—GT-38.

Griffith, J. J., and Haefner, K. B.
A Fluidically-Controlled Aircraft Environmental Control System Breadboard. 76—WA/Flcs-3.

Griffith, P.
see **Singh, G.**

Griffith, P.
see **Smith, R. A.**

Griffith, V. E., Rambo, C. L., and Lawrence, J. B.
Improved Cryogenic Processing - (Application of Multi-Stage Turbo-Expander Design to Cryogenic Processes). 76—WA/Pid-12.

Griggs, E. I., Hewitt, H. C., and Rodgers, B. R.
An Experimental and Analytical Investigation of a Solar Water Heater. 76—WA/Sol-22.

Griggs, E. I.
see **Hewitt, H. C.**

Grochowsky, L. D.
see **Metzger, D. E.**

Grondahl, C. M., and Gerhold, B. W.
A Hybrid Ceramic-Metal Combustion System. 76—GT-22.

Gubbels, M. H.
see **Biffle, J. H.**

Guenther, D. A., and Goodwin, L. G.
Design for Product Liability Prevention. 76—WA/SAF-1.

Guerrero, H. N., Hubbard, F. R., Schneider, R. E., Rose, S. C., and Nilsson, K. A.
Single Tube and Rod Bundle Blowdown Heat Transfer Experiments Simulating Pressurized Water Reactor LOCA Conditions. 76—HT-11.

Guggenheim, S. F., and Halasz, S. T.
Instrument Contact Spring Design Considerations. 76—DE-44.

Gupta, G. D.
Strain Energy Release Rate for Mixed Mode Crack Problem. 76—WA/PVP-7.

Gupta, S. K.
see **Tiwari, S. N.**

Gustafson, B-A.
A Simple Method for Supersonic Compressor Cascading Performance Prediction. 76—GT-64.

Guthrie, L., and Howell, J. R.
Choice of Honeycomb Cell Size for Beat Efficiency of a Flat-Plate Solar Collector. 76—HT-42.

Gutstein, M. U., and Kaplan, G. M.
Description of Thermal Storage Sub-System Designs for ERDA's 10-MWe Solar Central Receiver Pilot Plant. 76—WA/HT-68.

H

Haas, S. A.
see **Koenig, A. A.**

Haberstroh, R. D.
see **Bozatli, A. N.**

Haberstroh, R. D.
see **Mancini, T. R.**

Hadcock, R. N., and Forsch, H.
Payoff of the Application of Advanced Composite Materials to a Fighter Type Aircraft. 76—WA/Aero-13.

Haefner, K. B.
see **Griffith, J. J.**

Hagen, D. L., and Erdman, A. G.
Flywheels for Energy Storage: A Review with Bibliography. 76—DET-96.

Hai, S. M., and Karawani, G. G.
Analysis, Practical Applications and Design of Unsteady Flow Machines: Dividers and Equalizers. 76—WA/FE-23.

Halasz, S. T.
see **Guggenheim, S. F.**

Halfpenny, P. F.
Aircraft Environmental Control Problems as

a Result of Air Contamination. 76—ENAs-13.
Hall, J., and Herrin, J.
Reaction Rate Determination and Correction for Finite Quenching Rate in Shock Induced Pyrolysis of Methane via a Simple Shock Tube. 76—GT-13.
Hall, J. L., Leland, B. J., Joensen, A. W., and Carroll, J. M.
Correction of S-Type Pitot-Static Tube Coefficients When Used for Isokinetic Sampling from Stationary Sources. 76—WA/GT-6.
Hall, R. E.
Status of EPA's Residential Space Heating Research Program - 1976. 76—WA/Fu-4.
Halmi, D.
Proposal for a "Standardized Questionnaire" for Flowmeters. 76—WA/FM-4.
Hamilton, A. B.
see **Karim, G. A.**
Haneke, R. L.
see **Martin, H. B.**
Hansen, R. J., and Ni, C. C.
An Experimental Study of Flow-Induced Motions of Flexible Cables and Cylinders Aligned with the Flow Direction. 76—WA/FE-15.
Harker, R. G.
A Dedicated Mini-Computer Based Monitoring System for Turbomachinery Protection and Analysis. 76—Pet-13.
Harper, J. M.
see **Bozatli, A. N.**
Harper, L. J.
see **Roidt, R. M.**
Harradine, P. J.
see **Anderton, G. L.**
Harris, D. B.
Particle Measurements for Textile Airborne Process Waste Control. 76—Tex-9.
Harsha, P. T., and Glassman, H. N.
Analysis of Turbulent Unseparated Flow in Subsonic Diffusers. 76—FE-26.
Hartman, G. J.
see **Maurer, R. E.**
Hartman, T.
see **Craig, J. I.**
Hartzell, R. L.
see **Bravenec, E. V.**
Haselden, G. G.
The Potential of Medium Purity Oxygen in Energy Conservation. 76—WA/PID-7.
Hattori, T.
see **Mizuki, S.**
Haug, E. J.
see **Hsiao, M. H.**
Haugen, E. B.
Use of Statistics in Product Testing and Evaluation. 76—DE-25.
Hauser, S. G.
Exploring Stability Criteria of Solar Ponds. 76—WA/HT-62.
Hayakawa, T., Murasawa, K., and Mi, T.
Limit Pressure Analysis and Design of Cone-Cylinder Junction. 76—PVP-49.
Hayatdavoudi, A.
see **Warren, T. M.**
Hayward, G. H.
Toward Integrated Structural Design with Advanced Composites. 76—WA/Aero-11.
Healy, M. J.
A Computer Method for Calculating Dynamic Responses on Nonlinear Flexible Rail Vehicles. 76—RT-5.
Heard, T. C.
Reduction of Gas Turbine Fuel Consumption on Gas Pipelines. 76—GT-80.
Hechmer, J. R.
see **Hinton, B. M.**
Heckenkamp, M. J., and Pavelic, V.
New Directions for Adhesive Usage. 76—DE-15.
Hefner, W. J.
Alternate Fuels Capability of Gas Turbines in the Process Industry. 76—GT-119.
Heincker, W. R., Eck, R. S., Summers, D. A., and Lehnoff, T. F.
Design of a Hydraulic Longwall Coal Mining Machine. 76—WA/DE-2.
Heindel, D. S.
see **Oyler, J. F.**
Held, G., and Pribilla, K.
Proven Operational Performance of Low-Speed Two-Stoke Crosshead Engines in Marine Service. 76—DGP-11.
Henke, R.
A Bibliography of Publications, Graphics and Visual Aids for Technology Transfer in Fluid Power. 76—DET-76.
Henry, R. E.
see **Jones, J. R.**
Henry, R. E.
see **Yao, S. C.**
Hepper, J.
Propulsion Gear Units for Gas Turbine Naval Installations. 76—GT-26.
Heppner, D. B.
see **Drake, G. L.**
Herbert, J. T.
The Advancement of Flexible Pipe Couplings and Bearing. 76—Pet-68.
Herd, D. P., and McCaskill, J. W.
How to Make a Valve Which Will Fail-Safe in Very Deep Water. 76—Pet-35.
Herrin, J.
see **Hall, J.**
Heskestad, G., Kung, H. C., and Todtenkopf, N. F.
Air Entrainment into Water Sprays and Spray Curtains. 76—WA/FE-40.
Hewitt, H. C., and Griggs, E. I.
Optimal Mass Flow Rates Through Flat Plate Solar Collector Panels. 76—WA/Sol-19.
Hewitt, H. C.
see **Griggs, E. I.**
Hicks, J. C.
see **Parnell, L. A.**
Hijikata, K.
see **Mori, Y.**
Hill, P. G.
see **Hobson, M. J.**
Hill, W. E.
see **Davis, L. B.**
Himebaugh, W. D.
New Cabin Pressure Control System for DC-9 Aircraft. 76—ENAs-3.
Hinton, B. M., and Hechmer, J. R.
Secondary Stress Evaluation at a Singularity. 76—PVP-67.
Hipsher, M. S., and Boehm, R. F.
Heat Transfer Considerations of a Nonconvecting Solar Pond Heat Exchanger. 76—WA/Sol-4.
Hirata, Y.
see **Yoshimoto, K.**
Hirsch, Ch.
Flow Prediction in Axial Flow Compressors Including End-Wall Boundary Layers. 76—GT-72.
Hirsch, M., Adler, D., and Dayan, J.
Digital Simulation of Fixed and Variable Geometry Free Gas Turbine Engines Based on Quasi-Steady Approach. 76—WA/GT-1.
Hissong, D. W.
see **Ball, D. A.**
Hitomi, K., Nakamura, N., and Tanaka, H.
An Optimization Analysis of Machining Center. 76—WA/Prod-34.
Hobbs, M. M.
see **Kiscaden, R. W.**
Hobson, M. J., Driggs, C. L., Hill, P. G., and Neuman, E. D.
Underground Compressed Air Storage Power - Parametric Analysis of Cycles and Cost for Various Concepts. 76—JPGC-GT-5.
Hodges, J. L., Hoke, R. C., and Bertrand, R.
Prediction of Temperature Profiles in Fluid Bed Boilers. 76—HT-66.
Hoercher, H.
see **Dicristina, V.**
Hoffman, K. C.
see **Bhagat, N.**
Hogsett, D. F., and Primeaux, B. W.
Coal Gasification - Better Late Than Never. 76—Pet-20.
Hoke, R. C.
see **Hodges, J. L.**
Holdeman, J. D.
Measurement of Exhaust Emissions from Two J-58 Engines at Simulated Supersonic Cruise Flight Conditions. 76—GT-8.
Hollands, K. G. T.
see **Sibbitt, B. E.**
Holmes, R. E., and Dehkordi, G. B.
Heat Transfer from A Finned Tube Bundle in the Presence of a Corona Discharge. 76—WA/HT-40.
Holmes, R. F.
see **King, C. D.**
Holt, C. F., Whitacre, G. R., and Liu, C. Y.
The Simulation of Thermal Behavior of Permafrost Soil. 76—WA/HT-57.
Holzhausen, G., Pekar, F. J., and Jeney, A. F.
Integral Air-to-Air Intercooling: A New Way to Improve Fuel Economy, Gaseous Emissions, and Increase Output. 76—DGP-12.
Hommel, M. J.
Mixed Convection Heat Transfer from a Vertical Plate: Prandtl Number Effects. 76—WA/HT-17.
Horigome, T.
see **Tanaka, T.**
Houck, R. L., and Matson, B. G.
Training for Technological Standardization in a Geographically Dispersed Organizational Environment. 76—Pet-9.
Howell, H. R.
see **Scheps, P. R.**
Howell, J. R.
see **Guthrie, L.**
Howlett, L. D.
Large Scale Evaporative Cooling - The Window Theory. 76—JPGC-Pwr-1.
Hoy, J. M.
see **Nisbet, J. W.**
Hoyt, D. O., and Soni, A. H.
Effective Role of Trade Magazines in Design Technology Transfer. 76—DET-106.
Hsiao, M. H., Haug, E. J., and Arora, J. S.
Mechanical Design Optimization for Transient Dynamic Response. 76—WA/DE-27.
Hsu, S. T.
see **Papadakis, C. N.**
Hsu, T. -R.
Application of Finite Element Technique to the Design Technology Transfer. 76—DET-74.
Hubbard, F. R.
see **Guerrero, H. N.**
Hubert, L.
see **Massoud, M.**
Huckstep, F. L.
see **Beard, J. T.**
Hudachek, R. J., and Dodd, V. R.
Progress and Payout of a Machinery Surveillance and Diagnostic Program. 76—Pet-69.
Hughes, E. D.
see **Fujita, R. K.**
Huhtanen, P. H.
see **Jacob, R. O.**
Hume, J. P.
see **Maiollo, J. P.**
Hundal, M. S.
Design of Impact Absorber with Quadratic Damping. 76—WA/DE-12.
Huntsinger, J. P.
see **Schuster, J. R.**
Hwang, J. Y., Efferding, L. E., and Waszink, R. P.
Sodium-Heated Evaporator Critical Heat Flux Experiments at Subcritical Pressure Conditions for Commercial LMFBR Plant Application. 76—JPGC-NE-10.
Hwang, J. Y.
see **Efferding, L. E.**

I

Iachetta, F. A.
see **Beard, J. T.**
Iddan, D., Tirosh, J.
Analysis and Design of Disposable Energy Absorber by Plastic Indentation. 76—DET-105.
Imai, M.
see **Paccione, R. J.**
Imwalle, D. E.
High Performance Epicyclic Gears for Gas Turbines. 76—GT-88.
Ingley, H. A.
see **Farber, E. A.**
Irani, A. A.
see **Fujita, N.**
Isaacson, R. J.
see **Erdman, R. G.**
Ishizaki, T.
see **Maruyama, T.**
Iwakura, C.
see **O'Grady, W. E.**
Iyengar, S. K. R.
The Role of Modeling and Simulation in the Design and Appraisal of Fluid Power Systems. 76—DET-92.

J

Jackson, D. R.
see **Strigner, P. L.**
Jackson, J. K., and Yakut, M. M.
Conceptual Design of a Biological Specimen Holding Facility. 76—ENAs-30.

Jackson, M. D., and Jones, P.
Fuel Savings by Deactivating 8 Power Cylinders on a V-16 Engine. 76—DGP-10.
Jacob, R. O., Barta, R. W., and Huhtanen, P. H.
Utility Experience with Regenerative Cycle Combustion Turbines. 76—GT-85.
Jacobs, H. R., Johnson, R. W., and Boehm, R. F.
Heat Transfer and Temperature Distribution in Liquid-Liquid Direct Contact Parallel Flow of Immiscible Liquids. 76—HT-25.
Jacobs, H. R., Deeds, R. S., and Boehm, R. F.
Heat Transfer Characteristics of a Surface Type Direct Contact Boiler. 76—HT-26.
Jacobs, H. R.
see **Blair, C. K.**
Jagow, R. B.
Design, Fabrication and Testing of a Spacecraft Wet Oxidation System Including Trash Pulverization Studies. 76—ENAs-15.
James, R. K.
see **Morris, P. A.**
Jameson, D. L.
An Engineering Approach to Minicomputer Selection. 76—Pet-24.
Jankowski, D. F.
see **Truman, C. R.**
Jeffords, C.
see **Farley, D. L.**
Jelovich, J. J.
see **Dufek, W. L.**
Jeney, A. F.
see **Holzhausen, G.**
Jenkins, G. M.
see **Delany, J. T.**
Jha, S. K., and Cheilas, N.
Acoustic Characteristics of a Car Cavity and Estimation of Interior Sound Field Produced by Vibrating Panel. 76—WA/DE-1.
Jimbo, S.
see **Ueda, S.**
Joensen, A. W.
see **Hall, J. L.**
Johanson, J. G., and Gimera, R. J.
70-Mwt LMFBR Steam Generator Test Facility. 76—JPGC-NE-3.
Johnson, C. M.
Seismic Analysis for Alaskan North Slope Construction. 76—Pet-75.
Johnson, G. R.
A Data Acquisition, Performance Evaluation and Monitoring System for Solar Heated/Cooled Residential Dwellings. 76—WA/Sol-13.
Johnson, G. S.
The Engineers' Role in Analyses of the Brain. 76—WA/Mgt-5.
Johnson, J. L.
see **Smith, R. R.**
Johnson, L. E.
see **Carter, H. R.**
Johnson, L. H.
Recent Experience with Water Induction in Large Steam Turbines. 76—JPGC-Pwr-10.
Johnson, R. C.
Role of the Programmable Pocket Calculator in Machine Design with Helical Spring Examples. 76—DET-101.
Johnson, R. W.
see **Jacobs, H. R.**
Johnston, S. C., and Dwyer, H. A.
Uncoupling of Heat Transfer and Gas Dynamic Contributions to Transient Mass Flow Rate During Vessel Discharge. 76—FE-16.
Jonas, O.
Transfer of Chemicals in Steam Power Systems. 76—JPGC-Pwr-12.
Jones, D. I. G.
see **Trompette, P.**
Jones, D. P., and Gordon, J. L.
Elasto-Plastic Analysis of Perforated Plates Containing Triangular Penetration Patterns of 10% Ligament Efficiency. 76—PVP-22.
Jones, J. W., Adams, J. R., and Carnes, T. N.
Opportunities for Energy Conservation in Office Building. 76—HT-70.
Jones, O. C., Yao, S.-C., and Henry, R. E.
SIMPLE-2: A Computer Code for Calculation of Steady-State Thermal Behavior of Rod Bundles with Flow Sweeping. 76—HT-8.
Jones, P.
see **Jackson, M. D.**
Jones, R. E.
see **Cochran, R. P.**
Jones, T. B.
Electrohydrodynamically Coupled Film Boiling. 76—WA/HT-48.
Jordan, S., and Apostal, M. C.
Three Dimensional Elastic Stress Analysis of a Marine Riser Connector Assembly. 76—Pet-83.
Joy, P., and Shelpuk, B.
Solar Heating Thermal Storage Feasibility. 76—WA/HT-36.
Jung, J. C.
see **Stacey, W. M.**
Jur, T. A.
Using the Contour Line Method of Representing Failure Criteria as a Design Aid. 76—DET-75.
Jurewicz, J. T., and Stock, D. E.
A Numerical Model for Turbulent Diffusion in Gas-Particle Flows. 76—WA/FE-33.

K

Kadambi, V.
Evaluation of Unsteady State Conduction Heat Transfer by a Non-Iterative Finite-Difference Method. 76—HT-72.
Kaiserman, M. J.
see **Callinan, J. P.**
Kalsi, M. S., and McDougal, B. L.
Moment Capability of Valves Using Semi-Analytical Finite Element Approach. 76—Pet-38.
Kamody, J. F., and McGurl, G. V.
Koppers-Totzek Gasification for Electric Power Generation. 76—JPGC-Fu-1.
Kane, T. R.
see **Taylor, D. L.**
Kannberg, L. D., and Davis, L. R.
An Analysis of Deep Submerged Multiple-Port Buoyant Discharges. 76—WA/HT-19.
Kao, R. L., Waterman, W. W., and Bukacek, R. F.
Computer Simulation of LNG Cycles. 76—WA/Pet-1.
Kaplan, G. M.
see **Gutstein, M. V.**
Karawani, G. G.
see **Hai, S. M.**
Karayannacos, P. E.
see **Talkuder, N.**
Kardos, G.
Design - The Critical Stage. 76—DE-6.
Kardos, G.
The Snotruk Transmission - A Case Problem. 76—DE-32.
Kardos, Z. L.
see **Schmidt, D. K.**
Karim, G. A., and Badr, O.
The Determination of Flame Propagation Rates in Explosive Media Employing Fiber Optics. 76—GT-7.
Karim, G. A., and Sarpal, G. S.
An Examination of the Repeatability of Combustion Processes in a Homogeneous Stream of a Gaseous Fuel and Air. 76—GT-16.
Karim, G. A., and Hamilton, A. B.
A Learning Program for Engineering and Scientific Professionals in the Oil and Gas Industry Concerning Metrication and SI Units. 76—Pet-10.
Karnopp, D.
Designing Low-Order, Near-Optimum Controllers with Just a Little Algebra. 76—WA/Aut-5.
Kasparjan, E. V.
see **Turchaninov, I. A.**
Kassem, A. E.
see **Kistler, R. S.**
Kato, Y.
see **Kunitake, T.**
Kau, C. J.
see **Peskin, R. L.**
Kauffman, K. W., and Lorsch, H. G.
Design and Costs of High Temperature Thermal Storage Devices Using Salts or Alloys. 76—WA/HT-34.
Kawashima, H.
see **Nishioka, K.**
Kaylor, F. B., Petrillo, J. L., and Gottlich, F. J.
The Construction of a Large Steam Electric Unit in an Urban Area - An Environmental Case History. 76—JPGC-Pwr-13.
Kayser, K. W.
see **Yang, T. Y.**
Kazimi, M. S.
see **Tsai, S. S.**
Kelly, H. B.
see **Schulte, L. O.**
Kelnhofer, W. J., and Thomas, C. J.
External Convection Heat Transfer Coefficients on a Building Model. 76—WA/FE-30.
Keltie, R. F., and Reiter, W. F.
Dimensional Analysis and Scaling of the Aerodynamic Noise Produced by Idling Circular Saw Blades. 76—WA/DE-11.
Keltner, N. R., and Bickle, L. W.
Intrinsic Thermocouple Measurement Errors. 76—HT-65.
Kelton, A. A.
Planning for Biomedical Research in Space: The Visiting Research Scientist. 76—ENAs-67.
Kemper, C. C.
see **Ketterling, C. F.**
Kennedy, L. A.
see **Plumb, O. A.**
Kenny, D. P.
A Method for Calculating Cascade/Channel Endwall Boundary Layer Crossflow. 76—GT-77.
Kent, R. A.
see **Dean, M. R.**
Kester, J. D., and Peracchio, A. A.
Noise Technology Requirements for Future Aircraft Powerplants. 76—GT-69.
Ketterling, C. F., and Kemper, C. C.
Forecasting Impacts on Solid Waste Resource Recovery Systems. 76—ENAs-46.
Keune, F. A.
see **McLaughlan, P. B.**
Khan, M. R., and Willmert, K. D.
Vibrational Analysis of Mechanics Using Constant Length Finite Elements. 76—WA/DE-21.
Kienholz, D. A., and Piziali, R. L.
Analysis of Torsional Vibration in a High Bandwidth Angular Position Servo. 76—WA/Aut-9.
King, C. D., and Holmes, R. F.
A Mature Bosch CO_2 Reduction Technology. 76—ENAs-14.
King, C. R., Williamson, K. D., and Goree, W.
Development of Large Fiberglass Reinforced Plastic Dewars for Superconducting Magnets at 4 K. 76—WA/PID-11.
Kinoshita, K.
see **Sumi, Y.**
Kipp, H. W.
see **Eiswirth, E. A.**
Kippenhan, C.
see **Bonsteel, D. L.**
Kirchoff, R. H., and Billups, M.
A Two-Dimensional Heat Transfer Model of a Flat Plate Collector. 76—WA/Sol-2.
Kirk, C. L., Nataraja, R., and Tetlow, J. H.
Deterministic and Random Wave Forces on Gravity Type Offshore Platforms. 76—WA/FE-24.
Kirk, C. L., and Nataraja, R.
Wave Excited Oscillations of a Gravity Platform. 76—Pet-33.
Kiscaden, R. W., Hobbs, M. M., and Wescott, K. R.
Field Experience with the Pace Control System. 76—GT-106.
Kissinger, L. D.
see **Davis, S. H.**
Kistler, R. S., Kassem, A. E., and Chenoweth, J. M.
Rating Shell-and-Tube Condensers by Stepwise Calculations. 76—WA/HT-5.
Kistler, R. S.
see **Chenoweth, J. M.**
Klarhoefer, Ch.
see **Walzer, P.**
Klinetob, C. B., Winters, A. R., and Klosek, J.
Test Performance of a Cryogenic Distillation System for BWR Gaseous Radwaste Treatment. 76—WA/PID-13.
Klosek, J.
see **Klinetob, C. B.**
Knauf, C. L., McCaffrey, B. R., and Vitelli, J. M.
A Test Program to Provide an Economic Evaluation of Techniques to Control Corrosion in Gas Turbines. 76—GT-87.
Kniazewycz, B. G.
The Role of Volume Reduction Processes in LWR Radwaste Treatment. 76—WA/NE-5.
Kobayashi, A., Yamada, T., and Asada, T.
Experimental Study of LNG Underground Tank. 76—WA/PID-5.
Koehler, M.
see **Walzer, P.**
Koenig, A. A., Trice, J. B., and Haas, S. A.

Solar Energy Applications to Process Hot Water Demands in Textile Dyeing and Finishing. 76—Tex-11.

Kohn, A. O.
see **Caffier, E.**

Kollrack, R.
Model Calculations of the Combustion Product Distributions in the Primary Zone of a Gas Turbine Combustor. 76—WA/GT-7.

Koltun, P.
Public Policy Issues and the Application of Computer Technology. 76—WA/TS-7.

Komotori, K.
see **Mori, Y. H.**

Kondic, N. N.
Two-Phase Slip Flow Quality Determination by Non-Isokinetic Tracer Sampling. 76—WA/HT-72.

Konrad, G.
see **Tlusty, J.**

Koosinlin, M. L.
see **Gosman, A. D.**

Kosher, R. A.
see **Avitzur, B.**

Kotlin, J. J.
see **Ephraim, M.**

Kovacik, J. M.
see **Wilson, W. B.**

Kozik, T. J.
see **Boyce, L.**

Kraft, R. E.
see **Motsinger, R. E.**

Kraly, E. F.
see **Patrick, J. W.**

Kramer, J. H.
see **Orndorff, R. L.**

Kramer, T. J.
Fluid Flow and Convective Heat Transfer in Square Capillary Ducts Subjected to Non-uniform High Heat Flux. 76—WA/HT-29.

Krase, J. M.
see **McDonald, C. F.**

Kreider, J. F.
see **Steward, W. G.**

Kreith, F.
see **Steward, W. G.**

Krishnamurthi, R.
Influence of Addendum Correction on the Surface-Durability of Gears. 76—DET-65.

Krol, J.
The Automatic Hydraulic Ram: Its Theory and Design. 76—DE-17.

Kruse, G. S.
An Automated Procedure for Preliminary Design of Primary Structure for Transport Aircraft. 76—WA/Aero-9.

Ku, F. S.
see **Chu, E. N.**

Kubokawa, C. C.
You Can't Eat Moon Rocks. 76—WA/Aero-7.

Kucera, W. J.
see **Novak, G. E.**

Kuenstler, P. A.
see **Metzgar, D. E.**

Kuerten, H., and Termuehlen, H.
Design and Operating Criteria of Fossil-Fueled Power Plants in Europe. 76—JPGC-Pwr-14.

Kumar, S., and Liers, H. S.
Performance of Flat-Plate Collectors with Planar Reflectors. 76—WA/HT-27.

Kung, H. C.
see **Heskestad, G.**

Kunitake, T., Maruyama, K., Watanabe, S., Kato, Y., and Sakai, K.
Recently Developed Low Carbon-Equivalent Heavy Steel Plate with 80 Kg/Mm² Grade High Tensile Strength. 76—Pet-61.

Kunitomo, T., and Fujisaki, Y.
Statistical Numerical Analysis of Radiative Properties of a Rough Surface. 76—HT-51.

Kuriyama, I.
see **Mori, Y.**

Kurokawa, K.
see **Tanaka, T.**

Kustom, R. L.
see **Stacey, W. M.**

Kuzay, T. M., and Scott, C. J.
Investigation of Turbulent Momentum Transfer of Fully Developed Rotating Annular Axial Flow of Air. 76—WA/HT-85.

Kuzay, T. M., and Scott, C. J.
Turbulent Prandtl Numbers for Fully Developed Rotating Annular Axial Flow of Air. 76—HT-36.

Kwan, C. T.
Ultimate Bending Capacity of Lattice Legs for Jack-Up Drilling Platforms. 76—Pet-26.

L

Labadie, P., and Boutzale, W.
Gas Turbine Air Filtration - A Means of Sulfidation Control. 76—GT-59.

Labra, J. J.
see **Talapatra, D. C.**

Lackey, M. E.
see **Fraas, A. P.**

Lagraff, J. E.
see **Card, W. H.**

Lagraff, J. E.
see **Ucar, M.**

Lai, Y. S.
On Nuclear Safety Valve Operability Assurance. 76—WA/SAF-4.

Lakshminarayana, K., and Ramaiyan, G.
Analysis of the Effect of Errors and Clearances in Mechanisms as a Problem in Statics. 76—DET-67.

Lalanne, M., and Zabukovec, C.
Frequencies and Mode Shapes in Jet Engine. 76—DET-89.

Lalanne, M.
see **Trompette, P.**

Land, R. E., and Steitler, R. W.
Modeling the Effect of Inventory Loss on Steam Generator Heat Transfer. 76—WA/HT-70.

Lanning, W. C., and Thompson, C. J.
Alternative Liquid Fuels and the ERDA Program. 76—Pet-15.

Lard, E. W., Birnbaum, B. H., and Deane, T. N.
Shipboard Laundry Wastewater Treatment Systems. 76—ENAs-48.

Larson, D. C.
see **Savery, C. W.**

Larson, J. K.
see **Liao, G. S.**

Larson, R. H.
Creativity and the Engineer. 76—WA/Mgt-6.

La Stella, J.
Programs to Evaluate Gas Turbine Maintenance and Operating Techniques. 76—GT-124.

Latham, W. T.
Surface Safety Systems for Offshore Platforms. 76—Pet-89.

Lawrence, J. B.
see **Griffith, V. E.**

Layton, E. T.
Engineering Ethics and the Public Interest: A Historical View. 76—WA/TS-9.

Lee, B. E.
Turbulent Flow Past a Square Prism. 76—WA/FE-5.

Lee, G. K., and Brown, T. D.
Coal-in-Oil: A Substitute Boiler Fuel. 76—WA/FU-2.

Lee, J. L.
Development of a Real Time Computer Oriented Locomotive Maintenance Pro-Program. 76—WA/RT-10.

Lee, J. Y.
see **Caspi, S.**

Lee, M. L.
see **Paccione, R. J.**

Lee, R. B.
see **Wachter, W. J.**

Lee, Y. J., Eng, K. Y., and Casey, D. F.
Sodium Heated Steam Generator Tube Wastage Due to Water/Steam to Sodium Leaks - Theory and Correlation. 76—WA/HT-77.

LeFevre, H. P., Lewis, L. D., and McKinley, L. E.
An Automotive Gas Turbine Control System. 76—Gt-123.

LeFevre, H. P.
see **Dent, J. R.**

Lehnhoff, T. F.
see **Heincker, W. R.**

Leland, B. J.
see **Hall, J. L.**

Leonard, J. R.
Effect of System Variables on Departure from Nucleate Boiling in the Clinch River Breeder Reactor Plant Steam Generators. 76—JPGC-NE-4.

Letan, R.
Design of a Particulate Direct Contact Heat Exchanger: Uniform, Countercurrent Flow. 76—HT-27.

Letson, K. N., and Ormsby, P. A.
Rain Erosion Testing of Slip Cast Fused Silica at Mach 5. 76—ENAs-6.

Leva, D. W.
see **Carstens, M. R.**

Levin, R. L., Huggins, C. E., and Cravalho, E. G.
The Concentration Polarization of Solutes Within Biological Cells. 76—WA/Bio-4.

Levin, R. L.
see **Huggins, C. E.**

Levis, H., Ducot, R., Campbell, L., and Stengel, N.
Agriculture, Food Production, and Technological Change: A Dynamic System Approach. 76—WA/TS-3.

Levitz, N.
see **Allen, J.**

Levy, A.
Primer on Transient Analysis of Complex Structures at Resonance. 76—WA/DE-10.

Levy, E. K., Dodge, C., and Chen, J.
Parametric Analysis of a Centrifugal Fluidized Bed Coal Combustor. 76—HT-68.

Levy, H. J.
Nozzle Design for ASME Code Requirements. 76—PVP-20.

Lewis, L. D.
see **LeFevre, H. P.**

Lewis, W. B., and Cravens, E. W.
The Role of Shuttle in Health Care Systems Development for Space Stations. 76—ENAs-29.

Li, K. W., and Duckwitz, N. R.
Cycle Analysis of Air-Storage Power Plants. 76—GT-41.

Li, K. W.
A Second-Law Analysis of the Air-Storage Gas Turbine System. 76—JPGC-GT-2.

Li, P.
see **Chen, C. J.**

Liao, G. S., and Larson, J. K.
Analytical Approach for Determination of Steam/Water Flow Capability in Power Plant Drain Systems. 76—WA/Pwr-4.

Liers, H. S.
see **Kumar, S.**

Lilleleht, L. U.
see **Beard, J. T.**

Lin, C.-W., and Bohm, G. J.
Building and Equipment Seismic Response for PWR Plants. 76—WA/PVP-14.

Lin, S. S.
see **Pillsbury, P. W.**

Lingaiah, K., and Ramachandra, K.
State of Art at Research Level in the Design of Wildhaber-Novikov Circular Arc Gears. 76—DET-78.

Linhardt, H. D.
Note on the Development Progress of Single and Two-Shaft Hot Gas Expander Compression Systems. 76—Pet-17.

Linnecke, C. B.
see **Fraser, A. D.**

Linsteadt, G. F.
see **Antinucci, J. D.**

Little, J. W., and Russell, R. E.
Status Report - Subsonic Aircraft Noise Reduction. 76—GT-116.

Liu, C. Y.
see **Holt, C. F.**

Liu, M.-K., and Mundkur, P.
Numerical Simulation of the Effect of Climatic Conditions on Heat Transfer from a Building. 76—HT-71.

Lo, Churk-Hung.
see **Fenton, R. G.**

Lo, H.
see **Yang, T. Y.**

Lockwood, F. C., and Shah, N. G.
An Improved Flux Model for the Calculation of Radiation Heat Transfer in Combustion Chambers. 76—HT-55.

Lockwood, F. C.
see **Gosman, A. D.**

Loehrke, R. I., Roadman, R. E., and Read, G. W.
Low Reynolds Number Flow in Plate Wakes. 76—WA/HT-30.

Loehrke, R. I.
see **Mancini, T. R.**

Loomis, R. W.
see **Barsoum, R. S.**

Lorsch, H. G.
see **Kauffman, K. W.**

Louis, G. L.
see **Simpson, J.**

Louis, J. F.
see **Amana, O. M.**

Loutrel, S. P.
see **Nebo, A. C.**

Lowe, A. L.
see **Palme, H. S.**

Lu, D. C.
see **Feldman, K. T.**
Lumley, J. L.
see **Raj, R.**
Lundquist, J. A.
see **McClaskey, B. M.**
Lyons, J. L., and Askland, C. L.
Fluid Mechanics for the Valve Designer. 76—PVP-71.

M

McAlees, D. G.
ORNL-EPR Study - Results and Implications. 76—WA/NE-10.
McBride, D. G.
Interconnections for Microelectronics. 76—DE-14.
McBride, M. W.
Refinement of the Mean Streamline Method Blade Section Design. 76—WA/FE-11.
McCaffrey, B. R.
see **Knauf, C. L.**
Maccallum, N. R. L.
Models for the Representation of Turbomachine Blades During Temperature Transients. 76—GT-23.
McCarthy, D. J.
see **Zabolotny, E. R.**
McCarty, R. S.
Fluidic Fuel Control for a Small Recuperated Gas Turbine Engine. 76—WA/Flcs-5.
McCaskill, J. W.
see **Herd, D. P.**
McClaskey, B. M., and Lundquist, J. A.
Hydraulic Power Recovery Turbines. 76—Pet-65.
McCleary, L. E.
see **Smith, R. R.**
McCollum, G. W., Nelson, W. G., and Wells, G. W.
Operational Plans for Life Science Payloads - from Experiment Selection Through Postflight Reporting. 76—ENAs-63.
McCormick, J.
see **Gray, S.**
McCoy, K. J.
see **Mickelson, S. D.**
McCrank, J. M., and Short, G. R.
Power Generation from Shale Oil Process Off-Gas. 76—JPGC-GT-4.
McDaniel, T. L.
see **Chulick, E. T.**
McDonald, C. F., Fortescue, P., and Krase, J. M.
Primary System Preliminary Design for Gas Turbine HTGR Power Plant. 76—GT-92.
McDougal, B. L.
see **Kalsi, M. S.**
McFarlan, T. W.
Nondestructive Testing of Ferromagnetic and Nonferromagnetic Heat Exchanger Tubing from the ID for Wall Thinning and Cracks. 76—Pet-36.
McGuire, W. J.
see **Strauss, B. M.**
McGurl, G. V.
see **Kamody, J. F.**
McHugh, J. D., Winer, W. O., and Robson, G. D.
Fluid Film Bearing Housing Design for a Hot Ambient Environment. 76—GT-93.
Macia, N. F., and Woods, R. L.
A Model for the Fluidic Port Characteristics of Ejectors. 76—WA/Flcs-8.
MacIsaac, B. D., and Saravanamuttoo, H. I. H.
An Investigation into the Dynamic Performance of a Variable Pitch Turbofan Using a Hybrid Computer. 76—GT-31.
Mack, T. E.
see **Crose, J. G.**
Mack, W. M.
see **Soland, J. G.**
McKechnie, R. E., and Cousins, S. J.
A Parallelogram Chain Mechanism for Measuring Human Joint Motion. 76—DET-71.
McKinley, L. E.
see **LeFevre, H. P.**
McLaughlan, P. B., Anuskiewicz, T., and Keune, F. A.
Technology Transfer from Space to Earth - The NASA Firefighter's Breathing System. 76—ENAs-54.
McMinn, M. H.
see **Valdez, P. J.**
McMurrin, J. C.
see **Morris, P. A.**
McNamara, J. E., and Eyth, J.
Fluidic Applications to Aircraft Environmental Control Systems. 76—ENAs-21.
McRoberts, K. L.
The Myths of Productivity. 76—DET-103.
Madey, R., Czayka, M., Forsythe, R., Povlis, J., and Yin, K.
A Dispersion Model Approach to the Preliminary Design of Absorber Beds for Trace Contaminants. 76—ENAs-34.
Maine, R. B., Reed, L. L., and Ballestrasse, M.
The Development of a Biological Specimen Holding Facility for Spaceflight. 76—ENAs-16.
Maiocco, F. R., and Hume, J. P.
The ABC's Required for Establishing a Practical Computerized Plant Engineering Management Data Base System. 76—WA/PEM-1.
Malik, P., Gonnella, V., and Canavan, G.
New High Density Spent Fuel Rack Design. 76—WA/NE-2.
Malik, Z., Morton, J., and Ruiz, C.
Buckling of Thin-Walled Cylindrical Tanks. 76—PVP-19.
Mallory, K. M., and Deutsch, S.
Planning for Life Sciences Research in Space. 76—ENAs-52.
Mancini, T. R., Loehrke, R. I., and Haberstroh, R. D.
Experiments in Layered Natural Convection of Heat and Salt. 76—HT-45.
Maninger, R. C.
Some Commercial Innovations from Technology Transfer of Federal Research and Development. 76—WA/Aero-2.
Manning, M. P.
see **Sacco, A.**
Manos, W. P.
Progress in Railway Mechanical Engineering (1975–1976 Report of Survey Committee) Cars and Equipment. 76—WA/RT-12.
Mansour, W. M.
Modes and Operating Zones of Oscillatory Pumps. 76—WA/FE-13.
Markley, R. A.
see **Minushkin, B.**
Maroni, V. A.
see **Stacey, W. M.**
Martin, D.
see **Brown, J. T.**
Martin, H. B., and Haneke, R. L.
The Load Exerted onto the Header Stubs of Large Steam Generators in the System "Boiler Wall-Header-Piping". 76—PVP-65.
Martin, K. F.
Power in an Accelerating Mechanism. 76—DET-60.
Maruama, K.
see **Kunitake, T.**
Maruyama, T., Ishizaki, T., and Yokouchi, Y.
Parametric Study of the Elastic-Plastic-Creep Deformation of Thick Cylinder and Program Verification. 76—PVP-43.
Marvin, W. C.
see **Mumma, S. A.**
Marx, S. H.
see **Wang, J. C.**
Marzeski, J. W., and Blazowski, W. S.
Ambient Temperature and Pressure Corrections for Aircraft Gas Turbine Idle Pollutant Emissions. 76—GT-130.
Masek, R. V.
see **Eiswirth, E. A.**
Massoud, M., and Hubert, L.
Brief Survey of Spring Design Nomographs. 76—DET-77.
Mathews, C. S.
Design and Development of America's Most Powerful Diesel Engine - The 20 Cylinder RV. 76—DGP-4.
Matlock, S. W., and Parnell, C. B.
Particle Sizing of Dust Collected with a Vertical Elutriator. 76—Tex-10.
Matson, B. G.
see **Houck, R. L.**
Matsuki, M.
see **Yoshida, T.**
Matsumoto, N.
see **Ushiyama, I. J.**
Mattas, R. F.
see **Stacey, W. M.**
Matthew, G. K.
see **Collier, R. K.**
Maurer, R. E., Powars, C. A., Hartman, G. J., and Foster, T. F.
Graphite Sublimation Under Low and High Convective Mass Transfer Environments. 76—ENAs-68.
May, W. B.
see **Beard, J. T.**
Mayer, J. T.
see **Tulenko, J. S.**
Mayo, P. J., and Coplan, B. V.
Philosophy and Practice of Radwaste Packaging and Disposal: A Discussion of the Improved Containerization Alternative. 76—JPGC-NE-12.
Mecham, D. C.
see **Fujita, N.**
Meakin, J. D., Stuchlik, T., and Costello, F. A.
Coolness Storage in a Sodium Sulphate Decahydrate Mixture. 76—WA/HT-35.
Medvedev, R. V.
see **Turchaninov, I. A.**
Meikle, P. G.
see **Stein, R. L.**
Merkin, J. H.
Free Convection Boundary Layer on an Isothermal Horizontal Cylinder. 76—HT-16.
Merte, H.
see **Oker, E.**
Metcalfe, A. G., Rose, F. K., and Thorsrud, E. C.
Net Section Rings for Gas Turbines by Isothermal Rolling. 76—GT-94.
Metzger, D. E., and Grochowsky, L. D.
Heat Transfer Between an Impinging Jet and a Rotating Disk. 76—WA/HT-2.
Metzger, D. E., Kuenstler, P. A., and Takeuchi, D. I.
Heat Transfer with Film Cooling within and Downstream of One to Four Rows of Normal Injection Holes. 76—GT-83.
Meyer, C. W.
see **Morrill, C. D.**
Meyer, R. A.
see **Sane, J. O.**
Michael, G. J., and Farrar, F. A.
Estimation and Control of Critical Gas Turbine Engine Variables. 76—WA/Aut-12.
Michel, R.
see **Quémard, C.**
Mickelson, S. D., McCoy, K. J., Glick, G. L., and Allen, C. W.
Extending the Life of Household Appliances. 76—DE-2.
Mignon, P.
CO_2 Removal from Submarines Atmosphere by IR-45: Feasibility Study. 76—ENAs-4.
Mignon, P.
see **Fevrier, D.**
Mii, T.
see **Hayakawa, T.**
Mikielewicz, J., Wilson, D. G., Chan, T.-C., and Goldfinch, A. L.
A Method for Correlating the Characteristics of Centrifugal Pumps in Two-Phase Flow. 76—WA/FE-29.
Millar, D. J.
see **Garner, L. L.**
Miller, G. E.
Federal Technology Transfer Local Government - The Impossible Isn't. 76—WA/Aero-4.
Miller, L.
Information Sources for Plastics. 76—DE-16
Mills, F. E.
see **Stacey, W. M.**
Milner, D. A.
The Use of Linear Programming for Machinability Data Optimization. 76—WA/Prod-5.
Milton, J. L.
On the Effect of the Circuit Boards' Thermal Conductivity in the Thermal Performance of a Circuit Package Employing a Dip Device. 76—HT-39.
Miner, R. V.
Effects of C and Hf Concentration on the Mechanical Properties of Wrought Superalloys Based on NASA IIB-11 Produced from Prealloyed Powders. 76—GT-112.
Minoda, M.
see **Yoshida, T.**
Minushkin, B., Engel, F. C., Atkins, R. J., and Markley, R. A.
Heat Transfer Tests of an Electrically Heated 7-Rod Mock-up of an LMFBR Radial Blanket Assembly. 76—WA/HT-80.
Misra, B.
see **Stacey, W. M.**
Mitchell, A. H., and Bornstein, N. S.
Fighting Sulfidation with a Chromium Bearing Fuel Additive. 76—GT-82.
Mitchell, K. L., Sessions, B. W., and Turner, L. D.

Spacelab Environmental Control System. 76—ENAs-58.
Miyazaki, N., Yagawa, G., and Ando, Y.
A Parametric Analysis of Creep Buckling of Shallow Spherical Shell by the Finite Element Method. 76—PVP-45.
Mizuki, S., Hattori, T., Ariga, I., and Watanabe, I.
Reversed Flow Phenomena within Centrifugal Compressor Channels at Lower Flow Rate. 76—GT-86.
Moenich, J. S.
see **Stacey, W. M.**
Mohler, E. F.
see **Schulze, R. H.**
Montanarelli, N.
A Prime Example of Federal Technology Transfer in the Area of Law Enforcement. 76—WA/Aero-5.
Montgomery, C. R.
see **Ferrigno, D. P.**
Moore, G. F.
see **Barrick, S. M.**
Moore, R. A.
see **Edmondson, A. J.**
Morales, W. J., and Flury, R. L.
Reliability of Tube-to-Tubesheet Weld Configurations in LMFBR Steam Generators. 76—PVP-54.
Morella, N. A., and Cook, R. M.
A Method of Field Testing and Data Reduction to Determine Forces Acting on a Freight Car in Revenue Service. 76—WA/RT-9.
Moretti, A.
see **Stacey, W. M.**
Mori, Y., Hijikata, K., and Kuriyama, I.
Experimental Study on Bubble Motion in Mercury with and without Magnetic Field. 76—WA/HT-65.
Mori, Y. H., and Komotori, K.
Boiling Modes of Volatile Liquid Drops in an Immiscible Liquid Depending on Degree of Superheat. 76—HT-13.
Mori, Y., Taira, T., and Watanabe, K.
Heat Exchanger Augmentation by Radiation Plates. 76—HT-3.
Morihara, H., Notaro, F., and Bevier, W.
Thermal Testing of High Performance Cryogenic Envelope for Superconducting Power Cable. 76—WA/PID-10.
Morita, Y.
see **Nishioka, K.**
Morrill, C. D., and Meyer, C. W.
Seals for Valve Stems and Wellheads in High Pressure-High Temperature Service. 76—Pet-5.
Morris, P. A., James, R. K., McMurrin, J. C., Felland, J. R., Edwards, D. K., and Buchberg, H.
Radiative Transfer Through Thin-Walled Glass Honeycomb. 76—HT-48.
Morrison, C. A.
see **Farber, E. A.**
Morton, J., and Ruiz, C.
Ovalisation of Cylindrical Tanks as a Result of Foundation Settlement. 76—PVP-46.
Morton, J.
see **Malik, Z.**
Motsinger, R. E., Kraft, R. E., and Zwick, J. W.
Design of Optimum Acoustic Treatment for Rectangular Ducts with Flow. 76—GT-113.
Motzer, J.
see **Folenta, D. J.**
Moy, H. C.
Waste Heat Management of Steam-Electric Power Plants. 76—ENAs-44.
Mozer, C. J.
see **Reihman, T. C.**
Mruthyunjaya, T. S., and Raghaven, M. R.
Derivative Synthesis of Adjustable Four-Bar Mechanisms for Function Generation. 76—DET-70.
Mueller, K. H.
see **Bokaemper, J.**
Muench, R. A.
The Prediction of Pump Differential Pressure for Two-Phase/Two Component Com-Temperature. 76—WA/HT-56.
Mumma, S. A., and Marvin, W. C.
A Method of simulating the Performance of a Pebble Bed Thermal Energy Storage and Recovery System. 76—HT-73.
Mumma, S. A.
see **Godfrey, R. D.**
Mundkur, P.
see **Liu, M. K.**
Muntean, G. L.
see **Gaal, S. L.**
Murasawa, K.
see **Hayakawa, T.**
Mussulman, R. L.
Effect of an Elevated Pipeline on Ground Temperature. 76—WA/HT-56.
Muzzy, R. L.
see **Sozzi, G. L.**

N

Nagano, S.
see **Tamaki, T.**
Nagel, R. G.
Auxiliary Payload Power System Thermal Control. 76—ENAs-59.
Nakamura, N.
see **Hitomi, K.**
Narkus-Kramer, M.
see **Ayres, R. U.**
Nash, C. F.
see **Rabe, G. B.**
Nataraja, R.
see **Kirk, C. L.**
Nazli, Z.
see **Neale, K. W.**
Neale, K. W., and Nazli, Z.
A Simplified Method for the Finite-Displacement Analysis of Elastic-Plastic Plates and Shells. 76—PVP-51.
Nebo, A. C., Cook, N. H., and Loutrel, S. P.
Construction and Preliminary Test of Fiber-Reinforced-Concrete Pump Casing. 76—WA/PVP-11.
Nelson, W. G.
see **McCollum, G. W.**
Nephew, E. A.
see **Fischer, H. C.**
Nerem, R. M.
see **Talkuder, N.**
Neuman, E. D.
see **Hobson, M. J.**
Neumayer, H.
see **Brombach, H.**
Neuner, J. A.
see **Dufek, W. L.**
Newcombe, W. R., and Yi, Y. J.
Application of Mechanisms in Humane Trapping. 76—DET-61.
Ni, C. C.
see **Hansen, R. J.**
Nichols, S. P., Vanston, J. H., and Soland, R. M.
The Partitive Analytical Forecasting (PAF) Technique as an Aid in Long-Term Research and Development Program Planning. 76—WA/Mgt.-4.
Nichols, W. H., and Witt, R. H.
Effect of Maintenance on Gas Turbine Reliability. 76—GT-68.
Nilson, R. H.
see **Tsuei, Y. G.**
Nilsson, K. A.
see **Guerrero, H. N.**
Nisbet, J. W., and Hoy, J. M.
A New Role for Structures Technology in Aircraft Configuration Development. 76—WA/Aero-8.
Nishioka, K., Morita, Y., and Kawashima, H.
Stress in Integral Flange and Pressure on Gasket for Line Pipe. 76—PVP-59.
Norem, J. H.
see **Stacey, W. M.**
Norman, R. S.
Simple Techniques to Estimate Noise Levels Based on Manufacturer Equipment Data. 76—WA/PID-21.
Norris, J. W.
see **Cochran, R. P.**
North, D. C.
see **Pfund, P. A.**
Notaro, F.
see **Morihara, H.**
Nouse, H.
see **Yoshida, T.**
Novak, G. E., Dahlman, G. E., Eck, B. J., and Kucera, W. J.
Thermal Patterns in 36 Inch Freight Car Wheels During Service Tests. 76—WA/RT-11.
Novendstern, E. H., Woods, M. D., Andreychek, T. S., Flannigan, L. J., Carr, J. A.
Outlet Plenum Flow Stratification Studies for the Clinch River Breeder Reactor Plant. 76—WA/HT-84.

O

Obermeir, J. L., and Townes, H. W.
An Economic Evaluation of Small-Scale Wind Powered Electric Generation Systems. 76—WA/Ener-1.
Obidinski, E. S.
see **Carl, D. E.**
O'Brien, T. B.
Incapable People - Unused Technology - Poor Performance. 76—Pet-6.
Oenjin, J. S.
The Potential of Oxide Dispersion Strengthened Superalloys for Advanced Gas Turbines. 76—GT-118.
Ogawa, Y.
The Effects of a Single Building on Diffusion - A Combined Laboratory and Field Study. 76—WA/FE-27.
O'Grady, W. E., Iwakura, C., and Yeager, E.
Oxygen Electrocatalysts for Life Support Systems. 76—ENAs-37.
Oker, E., and Merte, H.
Semi-Transparent Gold Film as Simultaneous Surface Heater and Resistance Thermometer for Nucleate Boiling Studies. 76—HT-64.
Okuda, A. S.
see **Combs, L. P.**
Okugawa, R.
see **Tanabe, K.**
Oliemans, R. V. A.
Two-Phase Flow in Gas-Transmission Pipelines. 76—Pet-25.
Oliker, I.
On Calculation of Heat and Mass Transfer in Jet Type Direct Contact Heaters. 76—HT-21.
Oosthuizen, P. H., and Barnes, G. B.
Exerimental Study of Combined Convective Heat Transfer from "Oblong" Cylinders to Air. 76—HT-40.
Oosthuizen, P. H., and Taralis, D. N.
Combined Convective Heat Transfer from Vertical Cylinders in a Horizontal Fluid Flow. 76—HT-41.
Openshaw, F., Estrine, E., and Croft, M.
Control of a Gas Turbine HTGR. 76—HT-97.
Orlandi, M.
see **Curtis, G.**
Ormsby, P. A.
see **Letson, K. N.**
Orndorff, R. L., and Kramer, J. H.
A New Torsional Elastic Seal for Oscillatory Motion. 76—Pet-64.
Ortabasi, U.
Indoor Test Methods to Determine the Effect of Vacuum on the Performance of a Tubular Flat Plate Collector. 76—WA/Sol-24.
Oster, C. A., and Scheffler, W. A.
Well-Hole Temperature Distribution in the Presence of Aquifers. 76—Pet-59.
Ostroot, G.
Case History of a Two Burner Boiler Explosion. 76—Pet-19.
Oubre, H. J., Robbins, K. W., and Raulins, G. M.
Emergency Shutdown Systems - Evolution and Status. 76—Pet-102.
Oyler, J. F., and Heindel, D. S.
Finite Element Analysis of Reclaimer Gantry Cone. 76—WA/MH-2.

P

Paccione, R. J., Imai, M., and Lee, M. L.
Fuel Performance Evaluation after the First Cycle of Operation Indian Point Unit No. 2. 76—WA/NE-17.
Packard, C.
see **Diamond, S.**
Pagno, L. E.
see **Fazzolari, C.**
Pagel, P. A., and Reiss, J. J.
The Building Block Method of Cam Design. 76—DE-36.
Painter, G. W.
Advanced Acoustic Nacelle Concepts. 76—GT-35.
Paladino, A. E.
The Office of Technology Assessment: An Overview. 76—WA/TS-10.
Palme, H. S., and Lowe, A. L.
Evaluation of Fracture Toughness Acceptance Criterion of Bolting Materials for Nuclear Applications. 76—PVP-72.
Palmer, R. J., and Burgess, M. R.
Modern Gas Turbines for Low Btu Gas Fuel Operation. 76—GT-117.
Pamidi, P. R.
see **Dukkipati, R. V.**

Papadakis, C. N., and Hsu, S.-T.
Transient Analysis of Air Vessels and Air Inlet Valves. 76—FE-28.
Parekh, R. J.
see **Pfund, P. A.**
Parin, M. L.
see **Trompette, P.**
Parker, C. J.
Mathematical Model of a Triplex Pump. 76—Pet-95.
Parker, G. A., and White, D. E.
Modelling the Steady-State Characteristics of a Single-Stage Pneumatic Pressure Regulator. 76—WA/Flcs-6.
Parfitt, A. W.
Rehabilitation of the Towers and Vessels of the Glace Bay Heavy Water Plant. 76—PVP-68.
Parnell, C. B.
see **Matlock, S. W.**
Parnell, L. A., and Hicks, J. C.
Scale Modeling of Large Elastic Undersea Cable Structures. 76—WA/OCE-8.
Paschkis, V.
Engineering Ethics - A New Imperative in Engineering Education. 76—WA/TS-16.
Patel, D. K., and Goglia, G. L.
A Numerical Study of Flow Phenomena Within a Vortex Sink Rate Sensor. 76—WA/Flcs-12.
Patrick, J. W., and Kraly, E. F.
Payload Influences on Technology Development and Utilization of the Space Shuttle Extravehicular Mobility Unit. 76—ENAs-62.
Patten, J. S.
see **Stacey, W. M.**
Patterson, J. D., Sawdy, D. T., and Beckemeyer, R. J.
Experimental-Analytical Correlation of Optimum Duct Acoustic Liner Performance. 76—GT-126.
Patton, R. E.
Gas Turbine Operation in Extreme Cold Climates. 76—GT-127.
Patwardhan, A. G., and Soni, A. H.
Synthesis of a Planar Four-Bar Crank-Rocker Mechanism with Elastic Links. 76—DET-73.
Paul, F. W.
see **Betten, P. R.**
Paulard, M.
see **Trompette, P.**
Paulon, J.
see **Thiaville, J. M.**
Pavelic, V.
see **Heckenkamp, M. J.**
Pavelic, V.
see **Siesennop, W. W.**
Pearl, W. L.
see **Sawochka, S. G.**
Pechacek, R.
Advanced Technology for Large, Thick-Walled High Pressure Vessels. 76—PET-77.
Pekar, F. J.
see **Holzhausen, G.**
Penfield, S. R., Spring, A. H., and Fewell, T. E.
Matrix Steam Generator for LMFBR Service. 76—JPGC-NE-8.
Peracchio, A. A.
see **Kester, J. D.**
Perlee, H. E.
see **Edwards, J. C.**
Perlman, A. B.
Computational Methods for the Prediction of Truck Performance in Curves. 76—WA/RT-15.
Perr, J. P.
see **Gaal, S. L.**
Perso, J. C., and Frohrib, D. A.
A Vibration Isolation Strategy for Small Engines with Unbalance at One-Third Operating Speed: The Wankel. 76—DE-27.
Peskin, R. L., and Kau, C. J.
Numerical Simulation of Particulate Motion in Turbulent Gas-Solid Channel Flow. 76—WA/FE-37.
Pessen, D.
Design Method for Near-Optimal NOR Logic Circuits. 76—WA/Flcs-4.
Peters, D. A.
The Sliding Sill Underframe in Impact Situations. 76—WA/RT-13.
Peters, R. M.
see **Beese, J. G.**
Petrillo, J. L.
see **Kaylor, F. B.**
Pfund, P. A., North, D. C., and Parekh, R. J.
Evaluation of a Fuel Assembly for a Nuclear Merchant Ship. 76—WA/NE-18.
Pham, H. T.
see **Sawochka, S. G.**
Pier, J. B.
see **Ahner, D. J.**
Pigott, R., and Yeh, H.
Unsteady Aerodynamic Forces on Vibrating Transonic Turbine Cascades. 76—WA/GT-8.
Pillsbury, P. W., and Lin, S. S.
Recent Tests of Industrial Gas Turbine Combustors Fueled with Simulated Low Heating Value Coal Gas. 76—WA/GT-3.
Piziali, R. L.
see **Kienholz, D. A.**
Plumb, O. A., and Kennedy, L. A.
The Numerical Calculation of Buoyancy Driven Boundary Layers. 76—WA/HT-53.
Porchet, F.
Packaging of Gas Turbines Type 7 and Type S 7. 76—GT-20.
Povlis, J.
see **Madley, R.**
Powars, C. A.
see **Maurer, R. E.**
Powell, R. D., and Burrage, R. G.
Microprocessor Based Controls for Gas Turbines. 76—GT-91.
Praeg, W. F.
see **Stacey, W. M.**
Pribilla, K.
see **Held, G.**
Primeaux, B. W.
see **Hogsett, D. F.**
Proctor, C. L., Ali, M., and Elsayed, E. A.
Analysis of a Two-Link Fixed-Conveyor System with Multiple Poisson Inputs and Outputs. 76—WA/MH-1.
Putnam, A. A., Fischer, R. D., and Abrishaman, M.
Superturbulent Combustion Noise. 76—WA/Fu-1.
Putnam, A. A.
see **Ball, D. A.**
Putnam, D. F.
see **Colombo, G. V.**

Q

Quattrone, P. D.
see **Schubert, F. H.**
Quemard, C., and Michel, R.
Definition and Application of Means for Predicting Shear Turbulent Flows in Turbomachines. 76—GT-67.
Quinn, H. E.
see **Ephraim, M.**
Quon, C.
Numerical Studies of Diffusively Induced Convection in a Tilted Square Cavity. 76—HT-47.

R

Rabe, G. B., and Nash, C. F.
Fast Flux Test Facility Primary Sodium Check Valve. 76—PVP-70.
Rabl, A.
see **Allen, J.**
Rader, P. C.
see **Frabotta, D.**
Radway, J. E., and Rohrbach, R. R.
SO_2 Control in Steam Generator Emissions. 76—WA/APC-9.
Raghavacharyulu, E., and Rao, J. S.
Jump Phenomena in Cam-Follower Systems a Continuous-Mass-Model Approach. 76—WA/DE-26.
Raghaven, M. R.
see **Mruthyunjaya, T. S.**
Ragsdell, K.
see **Singh, R.**
Raj, R., and Lumley, J. L.
A Theoretical Investigation on the Structure of Fan Wakes. 76—WA/FE-22.
Rajagopalan, R.
see **Gray, A. M.**
Rakes, S. L.
Development of the Chemically Active Fluid Bed Process, A Status Report and Discussion. 76—JPGC-Fu-4.
Ramachandra, K.
see **Lingaiah, K.**
Ramaiyan, G.
see **Ramaiyan, K.**
Ramberg, S. E.
see **Skop, R. A.**
Rambo, C. L.
see **Griffith, V. E.**
Randolph, V.
see **Azar, J. J.**
Rao, J. S.
see **Banerjee, S.**
Rao, J. S.
see **Raghavacharyulu, E.**
Rao, S. S.
Optimum Design of Bridge Girders of Electric Overhead Travelling Cranes. 76—WA/DE-28.
Raulins, G. M.
see **Oubre, H. J.**
Ray, D.
see **Brentano, L. D.**
Razgaitis, R. A.
see **Weismantel, S. E.**
Rea, M.
see **Dinelli, G.**
Read, G. W.
see **Loehrke, R. I.**
Reed, K.
see **Allen, J.**
Reed, L. L.
see **Maine, R. B.**
Reid, R. C.
see **Sacco, A.**
Reihman, T. C., Townes, H. W., and Mozer, C. J.
Thermal Analysis Techniques for Regenerative Heat Exchanger Simulation. 76—WA/HT-7.
Reinhard, K. G.
Turbine Damage by Solid Particle Erosion. 76—JPGC-Pwr-15.
Reiss, J. J.
see **Pagel, P. A.**
Reiter, W. F.
see **Keltie, R. F.**
Reynolds, R. G.
see **Anand, R. K.**
Rhoades, G.
see **Durocher, L. L.**
Rice, W.
see **Truman, C. R.**
Richardson, H. H.
Transportation Research Goals and Priorities for ASME; A Preliminary Report. 76—WA/RGPC-4.
Ricks, O. G.
see **Stoneking, J. E.**
Riedle, K., Gaul, H. P., Ruthrof, K., and Sarker, J.
Reflood and Spray Cooling Heat Transfer in PWR and BWR Bundles. 76—HT-10.
Ringwall, C.
A Wide Range no Moving Part Flowmeter. 76—WA/Flcs-10.
Roadman, R. E.
see **Loehrke, R. I.**
Robbins, K. W.
see **Oubre, H. J.**
Roberson, J. A.
see **Tai, J.**
Roberts, D. I.
Detailing a New Diesel Engine Design Using a Three-Dimensional Interactive Graphic System. 76—WA/DGP-2.
Roberts, P. B., Shekleton, J. R., White, D. J., and Butze, H. F.
Advances Low NO_x Combustors for Supersonic High-Altitude Aircraft Gas Turbines. 76—GT-12.
Roberts, W. E., and Chambers, J. W.
Investigation of Silicone Elastomers as Ramburner Insulators. 76—ENAs-49.
Robson, G. D.
see **McHugh, J. D.**
Rockwell, D. O.
see **Schachenmann, A. A.**
Rockwell, D. O.
see **Shen, H. S.**
Rodgers, B. R.
see **Griggs, E. I.**
Roebelen, G. J.
A Fusible Heat Sink Concept for Extravehicular Activity (EVA) Thermal Control. 76—ENAs-64.
Rogers, J. C., and Sackinger, W. M.
Investigation of Arctic Offshore Permafrost Near Prudhoe Bay. 76—Pet-97.
Rohrbach, R. R.
see **Radway, J. E.**
Rohsenow, W. M.
see **Ganić, E. N.**

Rohsenow, W. M.
see **Soland, J. G.**
Roidt, R. M., Bartholet, T. G., and Harper, L. J.
Experimental Determination of Interior Subchannel Cross Flow and Axial Flow in A Model of the Clinch River Breeder Reactor Fuel Assembly Rod Bundle with Wire Wrap Spacers. 76—WA/HT-83.
Rose, F. K.
see **Metcalfe, A. G.**
Rose, S. C.
see **Guerrero, H. N.**
Rosenberg, R. C.
The Gyrobondgraph: A Canonical Form for Multiport System Models. 76—WA/Aut-6.
Rosener, A. A.
The Development of a Positive Isolation Disconnect. 76—ENAs-12.
Ross, J. W.
see **West, S. J.**
Rouleau, W. T.
see **Ulke, A.**
Rovetta, A.
On a Method for the Study of Constant Velocity Ball Joints. 76—DET-66.
Rowe, M. E.
Heavy Wall Drill Pipe - A Key Member of the Drill Stem. 76—Pet-90.
Rubin, E. S.
see **Edelston, B. S.**
Rucigay, J. C.
Assembly and Test of a Direct Reversing Marine Gas Turbine. 76—GT-27.
Ruiz, C.
Static and Dynamic Seals: Part 1 - Static Seals. 76—DET-83.
Ruiz, C.
see **Malik, Z.**
Ruiz, C.
see **Morton, J.**
Rupinskas, R. L., and Vogt, P. M.
Thin-Film Evaporators for Processing BWR Liquid Radwaste. 76—WA/NE-4.
Russell, R. E.
see **Little, J. W.**
Rutrof, K.
see **Riedle, K.**
Ryans, J. L.
Application of Basic Energy Conservation Principles to the Design of Rough Vacuum Systems. 76—WA/PID-17.

S

Saber, A. J., Tierney, P., Girolami, C., and Czul, J.
Parametric Design of a Rotary-Combustion Test Engine. 76—WA/DE-25.
Sacco, A., Manning, M. P., and Reid, R. C.
The Effect of H_2O/H_2 and CO_2/CO Ratios on the Reduction of Carbon Dioxide in the Bosch Process. 76—ENAs-7.
Sackarendt, P.
see **Griepentrog, H.**
Sackinger, W. M.
see **Rogers, J. C.**
Safriet, B. E.
Analysis of Pressure Pulsation in Reciprocating Compressor Piping Systems by Analog and Digital Simulation. 76—WA/DGP-3.
Saheli, F. P.
The Technology of Solid Waste Air Classification for Resource Recovery. 76—ENAs-50.
Sakai, K.
see **Kunitake, T.**
Sakata, K.
see **Yoshida, T.**
Sakuta, K.
see **Tanaka, T.**
Salmon, D. F.
see **Schnurr, N. M.**
Samra, R. S.
Impact Energy Calculations for a Steam Check Valve Following a Postulated Pipe Rupture. 76—WA/FE-8.
Samuels, G.
see **Fraas, A. P.**
Sandgren, E.
see **Singh, R.**
Sandoz, S. A., and Sun, K. H.
Modeling Environmental Effects on Nozzle Spray Distribution. 76—WA/FE-39.
Sandstede, H.
see **Bammert, K.**
Sane, J. O., and Meyer, R. A.
Analysis of Sodium/Water Reactions in A Steam Generator Loop of the Clinch River Breeder Reactor Plant. 76—JPGC-NE-11.
San Martin, R. L.
see **Diamond, S.**
Sanning, D. E.
see **Woodyard, J. P.**
Saravanamuttoo, H. I. H.
see **MacIsaac, B. D.**
Sarkar, J.
see **Riedle, K.**
Sarpal, G. S.
see **Karim, G. A.**
Sartory, W. K.
see **Yahr, G. T.**
Sattinger, S. S.
see **Friedman, E.**
Savery, C. W., Anderson, P. M., and Larson, D. C.
Double-Exposure Collectors with Mirrors for Solar-Heating Systems. 76—WA/HT-16.
Savery, C. W.
see **Bhatti, M. S.**
Savoie, L.
see **Goldbrunner, P. R.**
Sawata, S.
see **Tanaka, T.**
Sawdy, D. T.
see **Patterson, J. D.**
Sawin, C. F., and Shumate, W. H.
Spacelab Mission Simulaton-II. 76—ENAs-22.
Sawochka, S. G., Pearl, W. L., and Pham, H. T.
PWR Secondary System Chemistry During Air and Cooling Water Inleakage. 76—WA/NE-14.
Sawtelle, G. R.
see **Fujita, N.**
Sazawal, V. K., and Gerdeen, J. C.
Creep Buckling of Cylindrical Shells Using a Reference Stress Method. 76—PVP-50.
Schachenmann, A. A., and Rockwell, D. O.
Prediction of Diffuser Core Flow Fluctuations Due to Oscillating Turbulent Flow. 76—GT-76.
Scheel, L. F., and Dreksler, M. Y.
A Technique for Rating Rotary Compressors. 76—Pet-104.
Scheffler, W. A.
see **Oster, C. A.**
Scheps, P. R., and Howell, H. R.
The Effect of Radiation Trapping Within the Specular Cavity Formed by the Shuttle Forward Radiators and Payload Bay Door. 76—ENAs-55.
Schertz, W.
see **Allen, J.**
Schirmer, R. M.
A Simple Variable-Geometry Combustor for the Automotive-Turbine Engine. 76—GT-11.
Schmidt, D. K., and Kardos, Z. L.
Effective Boiler Feed Control for Test Loops. 76—WA/NE-15.
Schmidt, E. J.
see **Sundstrom, C. F.**
Schneider, R. E.
see **Guerrero, H. N.**
Schnurr, N. M., Walker, H. D., and Salmon, D. F.
A Study of the Economic Feasibility of a Thermal Energy Storage System for Solar Heating Applications Using a PCM. 76—WA/HT-63.
Schora, F. C.
Materials Considerations in the HYGAS Process. 76—PVP-60.
Schrumm, E. W.
An Improved Mathematical Model for Continuous Blenders. 76—WA/PID-18.
Schubert, F. H., Clark, D. C., and Quattrone, P. D.
Integrated Testing of an Electrochemical Depolarized CO_2 Concentrator (EDC) and a Bosch CO_2 Reduction Subsystem (BRS). 76—ENAs-35.
Schuerman, L. E., and Trentacosta, S. D.
Study of Off Gas Release Through a Natural Draft Cooling Tower. 76—WA/NE-8.
Schuetzenduebel, W. G., and Eisenhofer, J. J.
Feedwater Chemistry Requirements for HTGR Steam Generator Operation. 76—WA/NE-13.
Schulte, L. O., Kelly, H. B., and Secord, T. C.
Life Sciences Laboratories for the Shuttle/Spacelab. 76—ENAs-28.
Schulz, R. P.
see **Ahner, D. J.**
Schulze, F. W.
see **Baker, P. H.**
Schulze, R. H., and Mohler, E. F.
Assessment of the Ambient Air Impact of Multiple Stack Industrial Plants Using Dispersion Modeling. 76—Pet-70.
Schuster, J. R., Vrable, D. L., and Huntsinger, J. P.
Binary Plant Cycle Studies for the Gas Turbine HTGR. 76—GT-39.
Schwartz, E. G.
see **Stoneking, J. E.**
Scott, C. J.
see **Kuzay, T. M.**
Scott, D.
see **Erdman, R. G.**
Scott, F. B.
see **Frohrib, D. A.**
Scullion, J.
The Heat Pipe - A Survey. 76—DET-84.
Seber, E. C.
see **Baston, D. C.**
Secord, T. C.
see **Schulte, L. O.**
Seivold, A. L.
see **Skladany, J. T.**
Selcuk, M. K.
Fixed Flat Plate Collector with a Reversible Vee-Trough Concentrator. 76—WA/HT-12.
Sengupta, S.
A Three-Dimensional Numerical Model for Closed Basins. 76—WA/HT-21.
Sessions, B. W.
see **Mitchell, K. L.**
Seth, B. B., and Willis, T.
Techniques for Film Thickness Measurements in Elastohydrodynamic Lubrication. 76—DET-79.
Shah, N. G.
see **Lockwood, F. C.**
Shamshi, S. S.
see **Benson, R. S.**
Shaner, R. L., and Sweeney, W. E.
Features of an Actual 2000 Ton-Per-Day Oxygen Plant. 76—WA/PID-2.
Shaner, W. W.
see **Duff, W. S.**
Sharma, M. P., and Crowe, C. T.
A Novel Physico-Computational Model for Quasi One-Dimensional Gas-Particle Flows. 76—WA/FE-36.
Shaw, H.
Aqueous Solution Scrubbing for NO_x Control in Munitions Incineration. 76—WA/Fu-9.
Shaw, H.
see **Diamond, S.**
Shekleton, J. R.
see **Roberts, P. B.**
Shelpuk, B.
see **Joy, P.**
Shen, H. S., and Rockwell, D. O.
An Experimental Investigation of Wall Jet-Receiver Interaction. 76—FE-18.
Shepp, L. P.
see **Strigner, P. L.**
Sheridan, R. S., and Teuscher, L. H.
Control of Ambient Air Quality Levels from Oil Field Steam Generator Emissions. 76—Pet-94.
Sherwood, D. G.
Magnetic Jack Control Rod Drives. 76—WA/NE-3.
Shigley, J. E.
Mechanical Design and the Programmable Calculator. 76—DET-91.
Short, G. R.
see **McCrank, J. M.**
Shouman, A. R.
see **Gill, W.**
Shoup, T. E.
On the Algebra of Four-Bar Linkage Centrode Curves. 76—DET-13.
Shuck, L. Z.
see **Advani, S. H.**
Shum, K.
see **Willis, T.**
Shumate, W. H.
see **Sawin, C. F.**
Shumway, R. W.
see **Solbrig, C. W.**
Sibbitt, B. E., and Hollands, K. G. T.
Radiant Transmittance of V-Corrugated Transparent Sheets with Application to Solar Collectors. 76—WA/Sol-1.
Siddall, J. N.
An Orderly Approach to Design Decisions. 76—DE-12.
Siegelman, D.
see **Dicristina, V.**
Siesennop, W. W., and Pavelic, V.

A Design Program Including Theory and Practice. 76—DE-31.

Sieverding, C., Decuyper, M., Colpin, J., and Amana, O.
Model Tests for the Detailed Investigation of the Trailing Edge Flow in Convergent Transonic Turbine Cascades. 76—GT-30.

Sieverding, C.
see **Amana, O. M.**

Simmons, H. R.
Vibration Energy: A Quick Approach to Rotor Dynamic Optimization. 76—Pet-60.

Simpson, J., and Louis, G. L.
Some Specific Problems and Findings in Open-End Spinning. 76—Tex-8.

Singh, D. V.
see **Ghai, R. C.**

Singh, G., and Griffith, P.
Down Sloping Inclined Pipe Pressure Drop and Holdup. 76—Pet-29.

Singh, G., and Griffith, P.
Down Sloping Inclined Pipe Flow Regime Transitions. 76—Pet-30.

Singh, R., Sandgren, E., Ragsdell, K., and Soedel, W.
Simulation of a Two Cylinder Compressor for Discharge Gas Pressure Oscillation Prediction. 76—WA/FE-10.

Sinhasan, R.
see **Ghai, R. C.**

Skillman, E. P.
Characteristics of Vacuum Wastewater Transfer Systems. 76—ENAs-43.

Skaldany, J. T., and Seivold, A. L.
Thermal Control of the International Ultra-Violet Explorer. 76—ENAs-38.

Skop, R. A., Ramberg, S. E., and Ferer, K. M.
Added Mass and Damping Forces on Circular Cylinders. 76—Pet-3.

Skrokov, M. R.
Microprocessor Control Benefits in Olefins Plant Design. 76—Pet-63.

Smelser, P.
see **Stacey, W. M.**

Smith, C. O.
Mr. Designer, Are You With It? 76—DET-82.

Smith, D. L.
see **Stacey, W. M.**

Smith, K. R.
see **Willis, T.**

Smith, M. L.
Urban Solid Waste Processing - An Approach Developed by Continental Can Company, Inc. 76—ENAs-41.

Smith, P. R.
see **Diamond, S.**

Smith, R. A., and Griffith, P.
A Simple Model for Estimating Time to Critical Heat Flux in a Pressurized Water Reactor Loss of Coolant Accident. 76—HT-9.

Smith, R. E.
see **Crose, J. G.**

Smith, R. R., Barach, D., McCleary, L. E., and Johnson, J. L.
A Finite Element Model for Analyzing Self-Noise Levels in Geophysical Towed Line Arrays. 76—PVP-27.

Snyder, A. E.
How Technology Works in Our Society. 76—WA/Mgt-2.

Snyder, A. E.
The Transfer of Intermediate Technology: A Challenge to the Multinational Company. 76—DET-81.

Soedel, W.
see **Singh, R.**

Soehrens, J.
see **Soler, A. I.**

Soland, J. G., Mack, W. M., and Rohsenow, W. M.
Performance Ranking of Plate-Fin Heat Exchanger Surfaces. 76—WA/HT-31.

Soland, R. M.
see **Nichols, S. P.**

Solberg, C. W., and Shumway, R. W.
Prediction of Reflood Heat Transfer with Standard Loop Programs. 76—WA/HT-54.

Soler, A. I., and Soehrens, J.
Stress Analysis of a U-Tube Heat Exchanger Tubesheet with Integral Channel, Head and Unperforated Rim. 76—PVP-58.

Soni, A. H.
see **Chunsiripong, T.**

Soni, A. H.
see **Dukkipati, R. V.**

Soni, A. H.
see **Hoyt, D. O.**

Soni, A. H.
see **Patwardhan, A. G.**

Sozzi, G. L., Muzzy, R. L., and Burnette, G. W.
Blowdown Heat Transfer Phenomena in the Scaled BWR Test System. 76—HT-7.

Spalding, D. B.
see **Gosman, A. D.**

Sparks, N.
see **Gray, S.**

Spaziani, J. C.
see **Tulenko, J. S.**

Spitze, L. A.
see **Ballou, E. V.**

Spring, A. H.
see **Penfield, S. R.**

Stacey, W. M., Abou, M. A., Bertoncini, P. J., Bolta, C. C., Brooks, J. N., Evans, K., Fasolo, J. A., Jung, J. C., Kustom, R. L., Maroni, V. A., Mattas, R. F., Moenich, J. S., Moretti, A., Mills, F. E., Misra, B., Norem, J. H., Patten, J. S., Praeg, W. F., Smelser, P., Smith, D. L., Stevens, H. C., Turner, L., Wang, S.-T., and Youngdahl, C. K.
Tokamak Experimental Power Reactor. 76—WA/NE-11.

Stallmann, E. R.
Design Characteristics of Large High Pressure Centrifugal Oxygen Compressor Installations. 76—WA/PID-23.

Stanton, G. B.
Time, The Staff Professional, and Pareto's Law. 76—WA/Mgt-3.

Stargardt, W. W., and Buckley, B. S.
An Economic Analysis of Thermic Diode Solar Panels. 76—WA/Sol-7.

Steffens, J.
Development and Technology Transfer. 76—WA/TS-15.

Stein, R. L., and Meikle, P. G.
Transferring Technology to Make Mining Safer: The Bureau of Mines' Approach. 76—ENAs-5.

Steiner, J. E.
see **Brockenbrough, R. L.**

Steiner, M. L.
see **Fenton, R. G.**

Steinfeld, J. I.
see **Green, B. D.**

Steitler, R. W.
see **Land, R. E.**

Stengel, N.
see **Levis, H.**

Stetkar, J. W., and Golay, M. W.
Design of An Optimal Total Energy System for a Large Military Installation. 76—WA/HT-46.

Stevens, H. C.
see **Stacey, W. M.**

Stevens, W.
see **Diamond, S.**

Steward, W. G., Kreider, J. F., Caruso, P. S., and Kreith, F.
Experimental Evaluation of a Stationary Spherical Reflector Tracking Absorber Solar Energy Collector. 76—WA/HT-10.

Stock, D. E.
see **Jurewicz, J. T.**

Stoll, O. T.
see **Brown, J. T.**

Stoneking, J. E., Schwartz, E. G., and Ricks, O. G.
Design Analysis for a Large Pipeline Bifurcation. 76—PVP-15.

Story, F.
Large Scale Computerization and Project Control Systems in the Design and Construction of Nuclear Power Plants. 76—WA/Mgt-9.

Strange, R. R.
see **Atkinson, W. H.**

Strauss, B. M., and McGuire, W. J.
Mechanical and Thermal Stress Analysis at Internal Attachment Welds in Clad Heavy Wall Reactors. 76—WA/PVP-15.

Strigner, P. L., Acosta, J., Jackson, D. R., Bethune, A. E., and Shepp, L. P.
Successful Use of Unconventional Diesel Fuels from Athabasca Tar Sands in RR Diesel Locomotive Engines in Canada. 76—DGP-6.

Stringer, J., and Ehrlich, S.
High Temperature Corrosion in Fluidized Bed Combustors. 76—WA/CD-4.

Stuchlik, T.
see **Meakin, J. D.**

Studerus, C. J.
see **Ghia, K. N.**

Stumbar, J. P.
see **Carl, D. E.**

Sumi, Y., Yamazaki, S., and Kinoshita, K.
Development of The Nissan YTP-12 Gas Turbine Engine. 76—GT-101.

Summers, D. A.
see **Heincker, W. R.**

Sun, C. L., and Conway, L.
On Two-Phase Flow Induced Stability Analysis of a Ruptured Steam Generator Tube. 76—PVP-18.

Sun, C. T.
see **Yang, T. Y.**

Sun, K. H.
see **Sandoz, S. A.**

Sundstrom, C. F., and Schmidt, E. J.
Managing Environmental Monitoring Programs to Meet Engineering and Licensing Requirements for Power Plants. 76—WA/Pwr-9.

Suo-Anttila, A. J., and Catton, I.
Large Amplitude Cellular Convection. 76—HT-32.

Swain, K.
see **Troha, W.**

Swanson, S. R., and Boehm, R. F.
Experimental Measurements and System Implications of the Performance of Flat Plate Solar Collector Configurations. 76—WA/Sol-14.

Swanson, W. M., and Clark, R. E.
Testing of Prosthetic Heart Valves. 76—WA/Bio-3.

Sweat, V. E.
A Miniature Thermal Conductivity Probe for Foods. 76—HT-60.

Sweeney, W. E.
see **Shaner, R. L.**

Sykes, J. L.
Teaching Engineering Design in A Developing Industrial Community - The Hong Kong Situation. 76—DE-20.

Szenasi, F. R., and Baldwin, R. M.
Design Considerations for a Pneumatic Transport Vehicle. 76—Pet-28.

Szetela, E. J.
Deposits from Heated Gas Turbine Fuels. 76—GT-9.

Szewalski, R.
A Novel Design of Turbine Blading of Extreme Length. 76—DET-93.

T

Taga, T. M.
see **Ehmsen, R. J.**

Tai, J., Crowe, C. T., and Roberson, J. A.
Aeroelastic Response of Square and H-Sections in Turbulent flows. 76—WA/FE-19.

Taira, T.
see **Mori, Y.**

Takagi, K.
see **Ueda, S.**

Takahara, K.
see **Yoshida, T.**

Takahashi, Y.
see **Auslander, D. M.**

Takahashi, T.
see **Yonekawa, M.**

Takeuchi, D. I.
see **Metzger, D. E.**

Takoh, T.
see **Yamaguchi, Y.**

Talaat, M. E.
A Pressurized Liquid Concept for Solar-Thermal Energy Storage for the 24-Hour Continuous Operation of an Energy Conversion System. 76—WA/HT-38.

Talapatra, D. C., and Labra, J. J.
Application of a Finite Element Computer Program for Studying Failures and Affecting Design Modifications in 20-mm Gun Components. 76—DET-95.

Tall, W. A.
see **Waterman, W. F.**

Talukder, N., Karayannacos, P. E., Nerem, R. M., and Vasko, J. S.
Fluid Dynamics of Multiple Non-Critical Stenoses. 76—WA/Bio-2.

Tamaki, T., and Nagano, S.
Experimental Evaluation of an Axial-Flow Transonic Compressor. 76—GT-34.

Tamblyn, R. T.
Thermal Storage - It Saves and Saves and Saves. 76—WA/HT-37.

Tanabe, K., and Okugawa, R.
Evaluation of Improved Cycles for Marine Application of An Aircraft Derivative Gas Turbine. 76—GT-114.

Tanaka, H.
see **Hitomi, K.**

Tanaka, T., Horigome, T., Tani, T., Sawata, S., Kurokawa, K., and Sakuta, K.
Effect of Selective Thin Barrier on Radiative Heat Transfer for Solar Collectors. 76—HT-2.
Tang, S.
Advanced Composites: Design Technology Transfer Aerospace to Machinery. 76—DET-80.
Tani, T.
see **Tanaka, T.**
Taralis, D. N.
see **Oosthuizen, P. H.**
Tarr, J. A.
see **Edelston, B. S.**
Taylor, D. L., and Kane, T. R.
Effects of Drawbar Properties on the Behavior of Articulated Vehicles. 76—WA/Aut-10.
Taylor, G. R.
Microbiology Studies in the Space Shuttle. 76—ENAs-23.
Taylor, R. P.
see **Viskanta, R.**
Renoso, H. J.
see **Fraser, A. S.**
Terbot, J. W.
see **Acharya, A.**
Termuehlen, H.
see **Kuerten, H.**
Tetlow, J. H.
see **Kirk, C. L.**
Teuscher, L. H.
see **Sheridan, R. S.**
Tewari, S. N., and Dreshfield, R. L.
Heat Treating of a Lamellar Eutectic Alloy. 76—GT-103.
Thatree, N.
see **Wiebelt, J. A.**
Thiaville, J.-M., and Paulon, J.
Design of an Annular Channel for Testing Highly Loaded Compressor Blades: Comparison Between Theory and Experiments. 76—GT-79.
Thoman, D. C.
see **Eastman, J. M.**
Thomas, C. J.
see **Kelnhofer, W. J.**
Thomas, K. M.
see **Gell, M.**
Thomas, N. T.
see **Greenough, B. M.**
Thompson, C. J.
see **Lanning, W. C.**
Thompson, T. L., and Aude, T. C.
Slurry Pipeline Design and Operation Pitfalls to Avoid. 76—Pet-12.
Thornley, P. D., and Bowen, J. D.
Development of an On Board Oxygen Generating System. 76—ENAs-9.
Thorsrud, E. C.
see **Metcalfe, A. G.**
Tiefenbacher, E.
Problems of the Heat Exchanger for Vehicular Gas Turbines. 76—GT-105.
Tien, C. L.
see **Yuen, W. W.**
Tierney, P.
see **Saber, A. J.**
Tillman, E. S.
Natural Convection Heat Transfer from Horizontal Tube Bundles. 76—HT-35.
Timm, G. W.
see **Frohrib, D. A.**
Tirosh, J.
see **Iddan, D.**
Tiwari, S. N., and Gupta, S. K.
Evaluation of Upwelling Infrared Radiance from the Earth's Troposphere. 76—HT-5.
Tlusty, J., Yellowley, I., and Konrad, G.
Tool Wear in the Peripheral Milling of a Low Carbon Steel. 76—WA/Prod-35.
Todtenkopf, N. F.
see **Heskestad, G.**
Tomizuka, M.
see **Auslander, D. M.**
Torda, T. P.
Education for Appropriate Scale Technology. 76—WA/TS-8.
Torpey, P. J.
A Professional Society's Contribution to National Research Goals and Priorities Planning. 76—WA/RGPC-1.
Touchton, G. L., and Dibelius, N. R.
A Correlation of Nitrogen Oxides Emissions with Gas Turbine Operating Parameters. 76—GT-14.
Townes, H. W.
see **Obermeier, J. L.**
Townes, H. W.
see **Reihman, T. C.**
Treadwell, J. N.
Computer Support for Job-Shop Work Control. 76—WA/Mgt-7.
Tremor, J. W.
see **Berry, W. E.**
Trentacosta, S. D.
see **Schuerman, L. E.**
Trevillion, W. L.
see **Boyce, M. P.**
Treytl, W. J.
A Mechanical Device for Detecting and Functioning in a Planetary-Type Acceleration Field. 76—DET-72.
Trice, J. B.
see **Koenig, A. A.**
Troha, W., and Swain, K.
Composite Inlays Increase Flutter Resistance of Turbine Engine Fan Blades. 76—GT-29.
Trompette, P., Paulard, M., Lalanne, M., Jones, D. I. G., and Parin, M. L.
Prediction of Modal Damping of Jet Engine Stator Vanes Using Finite Element Techniques. 76—GT-60.
Trucks, H.
see **Wright, J. P.**
Truman, C. R., Rice, W., and Jankowski, D. F.
Laminar Throughflow of a Fluid Containing Particles Between Corotating Disks. 76—WA/FE-38.
Truman, C. R., Rice, W., and Jankowski, D. F.
Laminar Throughflow of Quality Steam Between Corotating Disks. 76—WA/FE-41.
Tsai, H. C.
see **Zudans, Z.**
Tsai, S. S., and Kazimi, M. S.
The Potential for Penetration of a Hot Vapor Jet into a Subcooled Liquid. 76—WA/HT-78.
Tsang, S., and duPlessis, M. P.
A Model of a Sac-Type Artificial Ventricle in Mock Circulation. 76—WA/Bio-7.
Tsou, F. K.
Prediction of Film-Cooling Effectiveness in an Unsteady Turbulent Boundary Layer. 76—HT-28.
Tsuei, Y. G., Yen, C. H., and Nilson, R. H.
Theoretical and Experimental Study of Workpiece Geometry in Electrochemical Machining. 76—WA/Prod-6.
Tulenko, J. S., Spaziani, J. C., and Mayer, J. T.
Fuel Performance in Babcock & Wilcox Pressurized Water Reactors. 76—WA/NE-16.
Turchaninov, I. A., Medvedev, R. V., and Kasparjan, E. V.
Boreholes' Stability and Its Prognosing in Ledge Rock Masses. 76—Pet-58.
Turner, L.
see **Stacey, W. M.**
Turner, L. D.
see **Mitchell, K. L.**

U

Ucar, M., Drucker, E. E., LaGraff, J. E., and Card, W. H.
Thermal Simulation of a Building with Solar Assisted Closed Liquid Loop Unitary Heat Pumps. 76—WA/Sol-23.
Ucar, M.
see **Card, W. H.**
Uccetta, S.
Pilot Project in Technology Transfer to a Developing Nation. 76—WA/Aero-6.
Ueda, S., Jimbo, S., and Takagi, K.
The Automatic Welding System for Offshore Pipe Laying. 76—Pet-32.
Ulke, A., and Rouleau, W. T.
The Effects of Secondary Flows on Turbine Blade Erosion. 76—GT-74.
Ushiyama, I. J., and Matsumoto, N.
Approximately Calculating Optimum Pressure Ratios for Various Gas Turbine Cycles. 76—GT-21.

V

Valdez, P. J., and McMinn., M. H.
Service Experience of High Strength Cast 17-4PH Gas Compressor Impellers in Corrosive Environments. 76—Pet-27.
Vance, J. M.
Torquewhirl - A Theory to Explain Nonsynchronous Whirling Failures of Rotors with High Load Torque. 76—DE-29.
Vankirk, J., and Burmeister, L.
An Automatic Balancer Design for a Vertical-Axis Clothes Washing Machine. 76—DE-24.
Vanston, J. H.
see **Nichols, S. P.**
Varde, K. S.
Prediction of Instantaneous Temperature Using Spectroscopic Method. 76—WA/TM-3.
Vasko, J. S.
see **Talkuder, N.**
Velkoff, H. R., and Godfrey, R.
Low-Velocity Heat Transfer to a Flat Plate in the Presence of a Corona Discharge in Air. 76—WA/HT-47.
Veneruso, A. F.
Simulation and Operation of a Solar Powered Organic Rankine Cycle Turbine. 76—WA/Sol-18.
Vepa, K.
see **Chmielewski, R.**
Verdouw, A. J.
Evaluation of a Staged Fuel Combustor for Turboprop Engines. 76—WA/GT-5.
Vernet, J. L.
see **Fevrier, D.**
Viskanta, R., and Taylor, R. P.
Analysis of Flat-Plate Solar Collectors with Radiatively Selective Thin-Film Coated Cover Plates. 76—HT-52.
Vitelli, J. M.
see **Knauf, C. L.**
Vogt, P. M.
see **Rupinskas, R. L.**
Vorum, P. C.
Short-Pipe Manifold Design for Four-Stroke gines. 76—WA/DGP-4.
Vrable, D. L.
see **Schuster, J. R.**
Vyas, K. C., Ashworth, R. A., and Barnett, F. M.
Synthetic Fuels from Coal and Oil Shale (Technological and Economic Assessment). 76—Pet-22.

W

Wachel, J. C., and Bates, C. L.
Techniques for Controlling Piping Vibration and Failures. 76—Pet-18.
Wachter, W. J., and Lee, R. B.
The Development of the Super-Sipper In-Core and Out-of-Core Failed Fuel Detection Systems. 76—WA/NE-20.
Wade, M. V.
see **Beese, J. G.**
Wagoner, R. B.
Conservation and Storage of Petroleum Products. 76—Pet-100.
Waldron, K. J.
The Manipulator Interference Problem. 76—DET-68.
Waligora, J. M.
Environmental Parameters of Shuttle Support for Life Sciences Experiments. 76—ENAs-24.
Walker, H. D.
see **Schnurr, N. M.**
Wallace, D. W.
see **Gooch, A.**
Wallace, F. J., Baines, N. C., and Whitfield, A.
A Unified Approach to the One-Dimensional Analysis and Design of Radial and Mixed Flow Turbines. 76—GT-100.
Wallace, F. J.
see **Whitfield, A.**
Walter, W. C.
Development of a Jacketed Pressure Vessel: A Design Case Problem. 76—DE-33.
Walzer, P., Klarhoefer, Ch., and Köhler, M.
Fuel Economy Study of Future Metallic and Ceramic Automotive Gas Turbines. 76—GT-104.
Wang, J. C., and Marx, S. H.
The Development of a Repulsive Magnetic Bearing. 76—WA/Aut-7.
Wang, N. S.
see **Bergquam, J. B.**
Wang, S. T.
see **Stacey, W. M.**
Wardlaw, H. W. R.
Fundamentals of Marine Riser Design. 76—Pet-84.
Warren, J. H.
see **Eiss, N. S.**
Warren, T. M., and Hayatdavoudi, A.
Hydraulic Fracturing Thin Coal Seams in

Preparation for In-Situ Gasification. 76—Pet-98.

Waszink, R. P.
see **Efferding, L. E.**

Waszink, R. P.
see **Hwang, J. Y.**

Watanabe, I.
see **Mizuki, S.**

Watanabe, K.
see **Mori, Y.**

Watanabe, S.
see **Kunitake, T.**

Waterman, W. F., and Tall, W. A.
Measurement and Prediction of 3-D Viscous Flows in Low-Aspect-Ratio Turbine Nozzles. 76—GT-73.

Waterman, W. W.
see **Kao, R. L.**

Watson, G. B.
see **Carter, H. R.**

Watson, P. J.
see **Gostelow, J. P.**

Waugh, C. E.
see **Gonzalez, J. I.**

Weaver, D. E.
see **Woodyard, J. P.**

Weaver, F. L.
Thermal Performance and Reliability Requirements of 5000 Hp to 15,000 Hp High Speed Mechanical Drive Turbines. 76—Pet-4.

Weber, T.
The Precision Manufacturing of Cams. 76—DE-37.

Weinberg, M. S.
A Multi-Variable Control for a Turbofan Engine Operating at Sea Level Static. 76—GT-71.

Weinberg, R.
see **Erdman, R. G.**

Weismantel, S. E., Razgaitis, R. A., and Buxton, O. E.
Influence of Cone Design Upon Liquid Entrainment Separation for a Steam Cyclone Separator. 76—WA/Pwr-6.

Welch, D. W.
see **Bergmann, H. W.**

Wells, A. F.
see **Fraser, A. S.**

Wells, G. W.
see **McCollum, G. W.**

Wescott, K. R.
see **Kiscaden, R. W.**

West, S. J., Frant, M. S., and Ross, J. W.
Development of a Water Quality Monitor for Spacecraft Application. 76—ENAs-10.

Westbrook, G., and Wirth, L.
Cooling Water Salinity and Brine Disposal Optimized with Electrodialysis Water Recovery/Brine Concentration System. 76—WA/Pwr-3.

Westwater, J. W.
see **Yilmaz, B. S.**

Whaley, H., and Lee, G. K.
Plume Dispersion from a Lignite-Fired Power Station in Flat, Rural Terrain. 76—WA/APC-7.

Whitacre, G. R.
see **Holt, C. F.**

White, D. E.
see **Parker, G. A.**

White, D. J.
see **Roberts, P. B.**

White, J. A.
Operational Experience with a Vacuum Collection and Waste Incineration System Aboard a U. S. Coast Guard Cutter. 76—ENAs-47.

Whitelaw, J. H.
see **Folayan, C. O.**

Whitfield, A., Wallace, F. J., and Atkey, R. C.
The Effect of Variable Geometry on the Operating Range and Surge Margin of a Centrifugal Compressor. 76—GT-98.

Whitfield, A.
see **Wallace, F. J.**

Wiebelt, J. A., and Thatree, N.
Design and Experimental Evaluation of a V-groove Solar Collector. 76—HT-53.

Williams, H. A.
see **Ephraim, M.**

Williams, H. E.
Thermal Stress Analysis of Thin, Spherical Shells. 76—DET-104.

Williams, J. R.
see **Craig, J. I.**

Williams, M. A.
Energy Conservation in a Large Chemical Company. 76—IPC-PWR-5.

Williamson, K. D.
see **King, C. R.**

Willis, T., and Shum, K.
A Nonlinear Mathematical Model of the Dynamics of a Railroad Freight Car/Freight Element. 76—DE-42.

Willis, T., and Smith, K. R.
A Mathematical Simulation of the Curve Entry and Curve Negotiation Dynamics of Flexible Two Axle Railway Trucks. 76—WA/RT-14.

Willis, T.
see **Seth, B. B.**

Willmert, K. D.
see **Khan, M. R.**

Wilson, D. G.
see **Mikielewicz, J.**

Wilson, H. L.
see **Gaal, S. L.**

Wilson, J. R.
see **Emery, A. F.**

Wilson, W. B., and Kovacik, J. M.
Turbine Systems to Reduce Petroleum Refining and Petrochemical Plant Energy Costs. 76—Pet-62.

Winer, W. O.
see **McHugh, J. D.**

Winkelman, F. W.
see **Fitzmaurice, R. W.**

Winterbone, D. E.
see **Benson, R. S.**

Winters, A. R.
see **Klinetob, C. B.**

Wirth, L.
see **Westbrook, G.**

Witt, F. J., and Zemanick, P. P.
Structural Reliability Assessment of Nuclear Piping Under Worst Case Loading. 76—PVP-21.

Witt, R. H.
see **Nichols, W. H.**

Witte, L. C., Cheng, Y.-T. E., and Cox, J. E.
Thermophysical Properties of Foodstuffs. 76—HT-59.

Wohlschlegel, D. H.
see **Boyce, M. P.**

Wolf, D. A.
see **Bienert, W. B.**

Wolf, S.
see **Chu, C. L.**

Wood, B. D.
see **Evans, D. L.**

Wood, P. C.
see **Ballou, E. V.**

Woods, M. D.
see **Novendstern, E. H.**

Woods, R. L.
see **Macia, N. F.**

Woodyard, J. P., Weaver, D. E., and Sanning, D. E.
Development of a Data Base for the Future Regulation of Flue Gas Desulfurization Sludge Disposal. 76—WA/APC-5.

Wooley, G. R.
see **Crose, J. G.**

Wortman, D. J., Fryxell, R. E., and Bessen, I. I.
Turbine Environmental Behavior in LM2500 Applications. 76—GT-36.

Wright, G. P.
Logistic Support of Aero Derivative Marine Gas Turbines in the Royal Navy. 76—GT-44.

Wright, J. P., and Trucks, H.
Thermal Control Systems for Low Temperature Shuttle Payloads. 76—ENAs-65.

Wright, R. R.
The Outlook for Petroleum Power Plant Fuels. 76—IPC-PWR-6.

Wu, Y. C.
Effect of Nitrogen Limitation on Metabolic Activities of Activated Sludge. 76—ENAs-40.

Wydeven, T.
see **Ballou, E. V.**

X

Y

Yagawa, G.
see **Miyazaki, N.**

Yagishita, H.
An Experimental Study on Variations of Rotational Speed and Flapping Vibrations in Belt Drives. 76—DET-102.

Yahr, G. T., and Sartory, W. K.
Development of Simplified Analysis Methods for Ratchetting and Creep-Fatigue - A Status Report. 76—WA/PVP-19.

Yakut, M. M.
see **Jackson, J. K.**

Yamada, T.
see **Kobayashi, A.**

Yamada, Y.
Verification and Qualification Activities in Japan of Inelastic Analysis Computer Programs. 76—PVP-44.

Yamaguchi, Y., and Takoh, T.
An Experimental Research on the Transient Phenomena of a Pumped-Storage Power Station. 76—FE-17.

Yamamoto, M. A.
Full-Power Parking/Emergency Brakes and Fail-Safe on Four-Wheel Disc Brake Systems. 76—WA/SAF-3.

Yamazaki, S.
see **Sumi, Y.**

Yang, A.
see **Emery, A. F.**

Yang, R. T. M.
Determination of the Dynamic Structural Response Characteristics of a Large Diesel Engine by Means of the Low Level Impedance Method. 76—DGP-9.

Yang, T. M.
see **Dalcher, A. W.**

Yang, T. Y., Sun, C. T., Lo, H., Kayser, K. W., and Bogdanoff, J. L.
Some Results on Dynamic Characteristics of Major Components of 1200 MW Fossil Fuel Steam Generating Plant. 76—JPGC-Pwr-11.

Yao, L. S., and Catton, I.
Buoyancy Cross-Flow Effects in the Boundary Layer on a Heated Horizontal Cylinder, 76—HT-44.

Yao, S.-C., and Henry, R. E.
Hydrodynamic Instability Induced Liquid-Solid Contacts in Film Boiling. 76—WA/HT-25.

Yao, S. C.
see **Jones, J. R.**

Yates, D. E.
Epicyclic Gearing for Gas Turbine Main Propulsion. 76—GT-24.

Yeager, E.
see **O'Grady, W. E.**

Yeh, H.
see **Pigott, R.**

Yeh, L. T., and Chung, B. T. F.
Transient Heat Conduction in a Finite Medium with Phase Change. 76—WA/HT-3.

Yeh, L. T.
see **Chung, B. T. F.**

Yeh, P. S.
Effect of Moisture Migration on the Temperature of a Direct-Buried Cylindrical Heat Source. 76—WA/HT-50.

Yeh, S. L.
see **Barron, R. F.**

Yellowley, I.
see **Tlusty, J.**

Yen, C. H.
see **Tsuei, Y. G.**

Yen, J. T.
Tornado-Type Wind Energy System: Basic Consideration. 76—WA/Ener-2.

Yi, Y. J.
see **Newcombe, W. R.**

Yilmaz, B. S., Clarke, S. F., and Westwater, J. W.
Heat Transfer from Water in Film Boiling to an Upper Layer of Paraffinic Hydrocarbon. 76—HT-24.

Yin, K.
see **Madey, R.**

Ying, S.-J.
Multiple Control Circuit for Electrical Unit and Automatic Control Circuit for Windmill Generator. 76—DET-100.

Yokouchi, Y.
see **Maruyama, T.**

Yonekawa, M., Asano, K., and Takahashi, T.
High Speed Line Printer Printing Mechanism Design. 76—DE-10.

Yoshida, T., Minoda, M., Sakata, K., Nouse, H., Takahara, K., and Matsuki, M.
Low- and High-Speed Cascade Tests of Air-Cooled Turbine Blades. 76—GT-40.

Yoshimoto, K., Hirata, Y., and Chiba, M.
Salt at Sea Atmosphere and Its Removal for Gas Turbines. 76—GT-58.

Youngdahl, C. K.
see **Stacey, W. M.**

Yuen, W. W., and Tien, C. L.

A New Differential Formulation of Radiative Transfer and Its Application to the One-Dimensional Problem. 76—HT-49.

Z

Zabolotny, E. R., and McCarthy, D. J.
Evaluation of the Practical Aspects of the Use of Coal Derived Synthetic Fuels. 76—WA/APC-6.
Zabukovec, C.
see **Lalanne, M.**
Zahradnik, R. L.
Overview of the Government's Programs in Coal Conversion, Research and Development. 76—PVP-16.
Zandi, I.
Freight Pipeline Technology - Energy Requirement Calculations. 76—Pet-78.
Zarling, J. P.
Application of Schwarz-Neumann Technique to Fully Developed Laminar Heat Transfer in Non-Circular Ducts. 76—WA/HT-49.
Zemanick, P. P.
see **Witt, F. J.**
Zerlauth, F.
see **Beglinger, V.**
Zudans, Z.
Consistent Mass Matrix for Thick Beams. 76—WA/PVP-13.
Zudans, Z., and Tsai, H. C.
POP-FSH - A Postprocessor for ASME Code Case 1592 Limits. 76—WA/PVP-17.
Zwick, J. W.
see **Motsinger, R. E.**

Index to
MECHANICAL ENGINEERING

Volume 99, January-December 1977

A

Aaronson, S. F. Industrial Truck Safety and Reliability Considerations (77-RC-7) (A) **Ag 108**

Abbaspour, M. The Proper Use of Thermal Storages for a Solar Assisted Heat Pump Heating System (76-WA/HT-76) (A) **Je 116**

Abbreviations
Acronyms, Initialisms, and Abbreviations Dictionary (CB) **Ap 106**

Abdel-Khalik, S. I. Assessment of Surface-Heating Problems in Laser-Fusion Reactors (77-HT-83) (A) **N 104**

Abdel-Salam, O. E. Comparison of Electrochemical Carbon Dioxide Concentration Methods Using Different Electrolytes (77-ENAs-3) (A) **O 108**

Abdou, M. A. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**

Abdulhadi, R. S. Flow and Heat Transfer in Cooled Underground Electric Cable Systems: Temperature Distributions and Heat Transfer Correlations (76-WA/HT-42) (A) **Je 112**; Velocity Distributions and Pressure Drop Correlations (76-WA/HT-45) (A) **Je 112**

Abele, G. Arctic Transportation: Operational and Environmental Evaluation of an Air Cushion Vehicle in Northern Alaska (76-Pet-41) (A) **Ja 102**

Abrams, M. The Temperature Distribution Along an Absorbing-Emitting Fluid Layer Flowing over an Opaque Substrate (76-WA/Sol-5) (A) **F 131**

Abrasion
Principles of Machining by Cutting, Abrasion and Erosion (CB) **Jl 106**

Abrasive Disks
Properties of Reinforced Abrasive Disks in Flexure (76-WA/Prod-41) (A) **Jl 101**

Abrasive Jets
Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) (A) **Mr 99**

Abrasives
Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-WA/Prod-9) (A) **Jl 97**

Abrishaman, M. Superturbulent Combustion Noise (76-WA/Fu-1) (A) **Je 102**

Absorbers
Design of a Viscoelastic Dynamic Absorbor For Machine Tool Applications (76-WA/Prod-20) (A) **Jl 98**

Absorbing-Emitting Fluid Layers
The Temperature Distribution Along an Absorbing-Emitting Fluid Layer Flowing over an Opaque Substrate (76-WA/Sol-5) (A) **F 131**

Absorbing Media
Combined Conductive and Radiative Heat Transfer in an Absorbing and Scattering Medium (77-HT-50) (A) **O 105**

Aburomia, M. M. Heat Transfer in Tube Bundles of Heat Exchangers with Flow Baffles Induced Forced Mixing (76-WA/HT-73) (A) **Je 115**

Academic Credentials
Degree Discussion (C) **Jl 49**

Academic Institutions
For Industry—Academic Interaction (C) **S 46**

Accelerated Service Testing
Planning the Facility for Accelerated Service Testing (77-RT-10) (A) **Ag 107**

Accelerating Liquids
Small Bubble Motion in an Accelerating Liquid (76-WA/APM-5) (A) **Je 109**

CODE

Months are denoted by **boldface** letters:

January	**Ja**	July	**Jl**
February	**F**	August	**Ag**
March	**Mr**	September	**S**
April	**Ap**	October	**O**
May	**My**	November	**N**
June	**Je**	December	**D**

(A)	Abstract	(Ed)	Editorial
(AC)	Author's Closure	(EN)	Educational News
(BR)	Book Review	(ES)	Energyscope
(BTR)	Briefing the Record	(IF)	International Focus
(CT)	Computers and Technology	(NB)	News Brief
(C)	Correspondence	(NR)	ME News Roundup
(CB)	Current Books	(PS)	Personally Speaking
(D)	Discussion	(TL)	Technical Literature
		(WW)	Washington Window

Accelerating Mass
Response of A String to an Accelerating Mass (76-WA/APM-26) (A) **Jl 104**

Aceto, L. D. Radical Overshoot Phenomena in Liquid Fueled Gas Turbine Combustors (77-GT-5) (A) **Jl 92**

Acharya, A. The Economics and Requirements of the Helium Refrigerator System for Superconducting Power Transmission Application (76-WA/PID-3) (A) **Je 106**

Achenback, J. D. Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) (A) **S 96**

Acker, D. D. Professional Aspects of Contemporary Management (76-WA/Mgt-8) (A) **Je 105**

Acoustic Characteristics
Acoustic Characteristics of a Car Cavity and Estimation of Interior Sound Field Produced by Vibrating Panel (76-WA/DE-1) (A) **Mr 104**

Acoustic Media
The Transient Motion of a Cylindrical Shell of Arbitrary Cross Section in an Acoustic Medium (77-APM-33) (A) **S 98**

The Vibrations of an Infinite Orthotropic Layered Cylindrical Viscoelastic Shell in an Acoustic Medium (76-WA/APM-33) (A) **Jl 105**

Acoustic Oscillations
Increased Turbulent Jet Mixing Rates Obtained by Self-Excited Acoustic Oscillations (77-FE-18) (A) **S 101**

Acoustic Phenomena
A Preliminary Study of Flow and Acoustic Phenomena in Tube Banks (77-FE-7) (A) **S 100**

Acoustic Test Program
Land Gas Turbine Exhaust Noise (77-GT-12) (A) **Jl 92**

Acoustics
Characteristics of an Anechoic Chamber for Fan Noise Testing (77-GT-74) (A) **Ag 102**
Evaluation of Multiple Noise Sources in a Large Room (76-WA/PID-20) (A) **Je 108**
Fan Inlet Disturbances and Their Effect on Static Data (77-GT-63) (A) **Ag 101**

Acoustodynamics
Acoustodynamics of the Longitudinal Colinear Impact of Finite Elastic Cylinders (76-WA/DE-19) (A) **Ap 99**

Acronyms
Acronyms, Initialisms, and Abbreviations Dictionary (CB) **Ap 106**

Acrylic Spherical Hulls
Development of Economical Casting Process for NEMO-Type Acrylic Submersible Hulls (76-WA/OcE-7) (A) **My 95**
Spherical Acrylic Plastic Hulls Under External Explosive Loading (76-WA/OcE-4) (A) **My 94**

Active Reaeration
Active Reaeration—A Possible Solution to Polluted Ponds (NR) **Ja 70**

Adams, G. G. The Plane Solution for the Elastic Contact Problem of a Semi-Infinite Strip and Half Plane (76-WA/APM-17) (A) **Jl 103**

Adams, N. J. I. Characterization of Fracture in Vessels and Piping (76-WA/PVP-2) (A) **Mr 100**

Adams, R. G. The Design of Turbomachinery for the Gas Turbine (Direct Cycle) High Temperature Gas Cooled Reactor Power Plant (77-GT-38) (A) **Ag 97**

Adaptive Control
Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) (A) **Jl 100**

Additive Ejection
Effects of Additive Ejection on Lifting Hydrofoils (77-FE-27) (A) **O 111**

Adhesively Bonded Joints
Analysis of Adhesively Bonded Joints Between Panels of Composite Materials (77-APM-1) (A) **S 94**

Adhesively Bonded Sheets
Fracture Analysis of Adhesively Bonded Sheets (76-WA/APM-12) (A) **Jl 103**

Adhesives
A Sticky Problem (NB) **F 75**

Adiabatic Wall Temperatures
Adiabatic Wall Temperature and Heat Transfer Downstream of Injection Through Two Rows of Holes (77-GT-50) (A) **Ag 99**

Adler, D. Digital Simulation of Fixed and Variable Geometry Free Gas Turbine Engines Based on Quasi-Steady Approach (76-WA/GT-1) (A) **Mr 96**

Adorian, A. S. Insulated Well Casings for the Arctic (76-Pet-87) (A) **Ja 108**

Adubi, F. A. Flow-Induced Vibrations of a Hydraulic Valve and Their Elimination (77-FE-24) (A) **S 101**

Advanced Collectors
Indoor Test Methods to Determine the Effect of Vacuum on the Performance of a Tubular Flat Plate Collector (76-WA/Sol-24) (A) **Mr 103**

Advanced Composites
Advanced Composites: Design Technology Transfer for Aerospace **Je 36**
The Fatigue Behavior of Fiber-Reinforced Polymers and Advanced Composites (77-DE-41) (A) **S 92**
Payoff of the Application of Advanced Composite Materials to a Fighter Type Aircraft (76-WA/Aero-13) (A) **My 97**
Toward Intergrated Structural Design with Advanced Composites (76-WA/Aero-11) (A) **My 97**

Advanced Environmental Control System
A Rotating High Pressure Water Condenser and Separator

(77-ENAs-10) (A) **O 108**

Advanced Manned Spacecraft
Wash Water Reclamation Technology for Advanced Manned Spacecraft (77-ENAs-50) (A) **N 100**

Advanced Technology
Advanced Systems Development Management (CB) **S 103**
Advanced Technology for Large, Thick-Wall High Pressure Vessels (76-Pet-77) (A) **Ja 107**

Advanced Vibration Monitoring
Progress and Payout of a Machinery Surveillance and Diagnostic Program (76-Pet-69) (A) **Ja 106**

Advani, S. H. Analytical and Experimental Investigations on Induced Fracturing of Reservoir Rock (76-Pet-8) (A) **Ja 99**, The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) (A) **Ja 104**

Aerodynamics
Further Developments in the Aerodynamic Analysis of Unsteady Supersonic Cascades Part 1: The Unsteady Pressure Field (77-GT-44) (A) **Ag 98**, Part 2: Aerodynamic Response Predictions (77-GT-45) (A) **Ag 98**

Aerodynamic Damping
Unsteady Aerodynamic Forces on Vibrating Transonic Turbine Cascades (76-WA/GT-8) (A) **Mr 97**

Aerodynamic Idle Noise
Dimensional Analysis and Scaling of the Aerodynamic Noise Produced by Idling Circular Saw Blades (76-WA/DE-11) (A) **Mr 104**

Aeroelastic Instability
Self-Excited Aeroelastic Instability of a Bridge Deck (76-WA/FE-25) (A) **F 136**

Aeroelastic Response
Aeroelastic Response of Square and H-Sections in Turbulent Flows (76-WA/FE-19) (A) **F 136**

Aero-Gas Turbines
Design and Development of High-Pressure Combustor for Aero-Gas-Turbines (77-GT-96) (A) **Ag 105**

Aerosol Aggregates
Low Knudsen Number Creeping Motion of Two Touching Spheres (76-WA/APM-28) (A) **Jl 104**

Aerosol Separators
Applications of a Scattering Spectrometer System for Marine Aerosol Measurement (77-GT-32) (A) **Ag 96**

Aerospace Applications
Advanced Composites Design Technology Transfer for Aerospace **Je 36**

Aerospace Engineering
An Automated Procedure for Preliminary Design of Primary Structure for Transport Aircraft (76-WA/Aero-9) (A) **My 96**
Design and Manufacture of Graphite Epoxy Payload Bay Doors for the Shuttle Orbiter (76-WA/Aero-12) (A) **My 97**
Federal Laboratory Technology Transfer—Fact or Fiction? (76-WA/Aero-3) (A) **My 95**
Federal Technology Transfer to Local Government—The Impossible Isn't (76-WA/Aero-4) (A) **My 96**
Improved Management of Finite Element Analysis (76-WA/Aero-10) (A) **My 96**
A New Role for Structures Technology in Aircraft Configuration Development (76-WA/Aero-8) (A) **My 96**
Payoff of the Application of Advanced Composite Materials to a Fighter Type Aircraft (76-WA/Aero-13) (A) **My 97**
Pilot Project in Technology Transfer to a Developing Nation (76-WA/Aero-6) (A) **My 96**
A Prime Example of Federal Technology Transfer in the Area of Law Enforcement (76-WA/Aero-5) (A) **My 96**
Small is Beautiful-Technology as if People Mattered (76-WA/Aero-1) (A) **My 95**
Some Commercial Innovations from Technology Transfers of Federal Research and Development (76-WA/Aero-2) (A) **My 95**
Toward Intergrated Structural Design with Advanced Composites (76-WA/Aero-11) (A) **My 96**
You Can't Eat Moon Rocks (76-WA/Aero-7) (A) **My 96**

Aerothermal Behavior
Aerothermal and Rain Erosion Behavior of Selected Candidate Plastic Radome Materials in Mach 5 Sled Tests (77-ENAs-16) (A) **N 96**

Aerothermochemistry
Aerothermochemistry of Metal Erosion by Hot Reactive Gases (77-HT-12) (A) **O 101**

Aerothermodynamics
Aerothermodynamic Performance of a Variable Nozzle Power Turbine Stage for an Automotive Gas Turbine (77-GT-95) (A) **Ag 104**

Affluence
Affluence and the Ass of Buridan (BTR) **Mr 54**

Aga Oil
Aga Oil and Gas Field (IF) **Je 64**

Agrest, J. Elections to Fellow Grade **Jl 90**

Agriculture
Agriculture, Food Production, and Technological Change: A Dynamic System Approach (76-WA/TS-3) (A) **My 88**

Agro-environmental Monitoring System
Space Techniques to Boost Food Output (BTR) **Mr 65**

Ahmad, T. An Investigation of the Laminar Overfire Region Along Upright Surfaces (77-HT-68) (A) **O 107**

Ahner, D. J. Integrated Low-Btu Gasification, Combined Cycle Plant Interface and Power System Control Considerations (76-JPGC-GT-3) (A) **Ja 111**

Air
Investigation of Turbulent Momentum Transfer of Fully Developed Rotating Annular Axial Flow of Air (76-WA/HT-85) (A) **Je 117**
Low-Velocity Heat Transfer to a Flat Plate in the Presence of a Corona Discharge in Air (76-WA/HT-47) (A) **Je 112**

Air Cargo
The Red Baron—Again! (IF) **Ag 58**

Air Classifiers
The Interaction Between Particles and Gas in an Air Classifier (76-WA/FE-32) (A) **F 137**

Air Conditioning
Solar Air Conditioning (EN) **Jl 72**

Air-Cooled Condensing System
Air-Cooled Condensing System: World's Largest (BTR) **Mr 55**

Air-Cooled Diesel Engines
The Design and Development of Turbocharged 1 Liter per Cylinder 4 and 6 Cylinder Air Cooled Diesel Engines (77-DGP-9) (A) **D 99**
Investigations on Highly Turbocharged Air-Cooled Diesel Engines (77-DGP-11) (A) **D 99**

Air Cushion Vehicles
Arctic Transportation: Operational and Environmental Evaluation of an Air Cushion Vehicle in Northern Alaska (76-Pet-41) (A) **Ja 102**
Gas Turbine Installations for Air Cushion Vehicle Lift and Propulsion Power—The AALC JEFF Craft (77-GT-71) (A) **Ag 101**

Air Cycle Machines
Variable Geometry Air Cycle Machine (77-ENAs-7) (A) **O 108**

Air Entrainment
Air Entrainment into Water Sprays and Spray Curtains (76-WA/FE-40) (A) **F 138**

Air Force Satellite
Thermal Control Design and Performance of Air Force Satellite STP P72-1 (77-ENAs-41) (A) **N 99**

Air Mixing
Air Mixing in a Model Lung Alveolus (77-Bio-4) (A) **S 98**

Air-Over Hydraulic Systems
Straight-Air Disk Brake Systems for Heavy Vehicles (77-DE-23) (A) **S 91**

Air Pollutant Emissions
Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) (A) **Je 103**
Status Of EPA's Residential Space Heating Research Program—1976 (76-WA/Fu-4) (A) **Je 103**

Air Pollution
Health Effects of Energy Production (NB) **S 65**
Measuring Air Pollution: What Does it Mean? **Jl 84**

Air Pollution Controls
Chemical Cleaning of Coal (76-WA/APC-2) (A) **Ap 102**
Development of a Data Base of the Future Regulation of Flue Gas Desulfurization Sludge Disposal (76-WA/APC-5) (A) **Ap 103**
Evaluation of the Practical Aspects of the Use of Coal Derived Synthetic Fuels (76-WA/APC-6) (A) **Ap 103**
Fly Ash Conditioning to Improve Precipitator Efficiency with Low Sulfur Coals (76-WA/APC-8) (A) **Ap 104**
Industrial Air Pollution Control Equipment for Particulates (CB) **Ag 113**
An Investigation of the Physical Properties of Fly-Ash Influencing the Performance of Electrostatic Precipitators (76-WA/APC-4) (A) **Ap 103**
Lime/Limestone Air Quality Control Systems: Effect of Magnesium on System Performance (76-WA/APC-10) (A) **Ap 103**
Particulate Emissions From Residual Fuel Fired Boilers: Influence of Combustion Modification (76-WA/APC-3) (A) **Ap 103**
Plume Dispersion from a Lignite-Fired Power Station in Flat, Rural Terrain (76-WA/APC-7) (A) **Ap 104**
SO Control in Steam Generator Emissions (76-WA/APC-9) (A) **Ap 104**
Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (76-WA/APC-1) (A) **Ap 103**

Air Preheaters
Analysis of a New Concept for a High Temperature Direct Coal-Fired Falling Particle Air Pre-Heater for MHD Power Generation (77-HT-60) (A) **O 106**
Particulate Deposition in Direct Fired MHD Air Preheaters (77-HT-65) (A) **O 107**

Air Quality Control
Lime/Limestone Air Quality Control Systems: Effect of Magnesium on System Performance (76-WA/APC-10) (A) **Ap 103**

Air Revitalization Subsystem
Development of a Three-Man Preprototype Independent Air Revitalization Subsystem (IARS) (77-ENAs-31) (A) **N 97**

Air Storage
A Second-Law Analysis of the Air-Storage Gas Turbine System (76-JPGC-GT-2) (A) **Ja 111**
Underground Compressed Air Storage Power-Parametric Analysis of Cycles and Cost for Various Concepts (76-JPGC-GT-5) (A) **Ja 111**

Air Turbines
Measurements of the Performance of an Air Turbine Stage at Positive and Negative Mass Flow and Rotational Speed (Four-Quadrant Characteristics) (77-GT-14) (A) **Jl 94**

Airborne Infrared Scanner
Airborne Infrared Scans Residential Heat Loss (BTR) **Ap 53**

Aircraft
An Automated Procedure for Preliminary Design of Primary Structure for Transport Aircraft (76-WA/Aero-9) (A) **My 96**
A Comparison ECS Controls (77-ENAs-8) (A) **O 108**
Engine Cycle Selection and Propulsion System Integration for Future High Performance Fighter Aircraft (77-GT-101) (A) **Ag 105**
A Fluidically-Controlled Aircraft Environmental Control System Breadboard (76-WA/Flcs-3) (A) **Ap 101**
KO Reactions with CO and H O in Air (77-ENAs-12) (A) **O 108**
Payoff of the Application of Advanced Composite Materials to a Fighter Type Aircraft (76-WA/Aero-13) (A) **My 97**
The Performance of the Water Bubbler Heat Sink for the EF-111 Aircraft (77-ENAs-11) (A) **N 96**

Aircraft Carriers
The Shaft Coupled Lift/Cruise Fan Propulsion System for Navy Multimission V/STOL Aircraft (77-GT-112) (A) **Ag 106**

Aircraft Configuration Development
A New Role for Structures Technology in Aircraft Configuration Development (76-WA/Aero-8) (A) **My 96**

Aircraft Design
A Study of Commuter Aircraft Design (77-GT-36) (A) **Jl 95**

Aircraft Engines
Design of Nonlinear Squeeze Film Dampers for Aircraft Engines (76-Lub-25) (A) **F 142**

Aircraft Fuel Flow
A Wide Range No-Moving-Part Flowmeter (76-WA/Flcs-10) (A) **Ap 102**

Aircraft Power Plants
Noise Technology for Future Aircraft Power Plants **Ja 40**

Airplanes
Workhorse of a Nation (C) **Ja 55**

Akhurst, D. O. New Career Paths in Engineering: Ocean Engineering **S 42**

Alario, J. Modular Heat Pipe Radiator (77-ENAs-39) (A) **N 99**

Alaska Pipeline
Stringent Rules for Alaska Pipe (BTR) **F 62**

Alaskan North Slope Construction
Seismic Analysis for Alaskan North Slope Construction (76-Pet-75) (A) **Ja 106**

Albanes, J. J. Where Our Values Lie (C) **O 56**

Albenesius, J. M. (recipient) Sylvia W. Farny Scholarship **N 91**

Alchemists
The Alchemists: Fear and Wonderment **Jl 24**

Algebraic Relations
Designing Low-Order, Near-Optimum Controllers with Just a Little Algebra (76-WA/Aut-5) (A) **My 92**

What Communication Means (c) **O 55**
Alger, T. W. Calculation of Two-Phase Dispersed Droplet-in-Vapor Flows Including Normal Shock Waves (76-WA/FE-31) (A) **F 137**
Algorithms
Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite Time Settling, Controlled Observer (76-WA/Aut-8) (A) **My 93**
The Use of a Random Algorithm for Dynamic Optimization of Mechanisms (76-WA/DE-22) (A) **Ap 99**
Ali, M. Analysis of a Two-Link Fixed-Conveyor System with Multiple Poisson Inputs and Outputs (76-WA/MH-1) (A) **My 90**
Alkaline Carbonate Materials
Carbon Dioxide Absorption in Packed Beds of Alkaline Carbonate Materials (77-ENAs-17) (A) **O 109**
Allaire, P. E. Design of Nonlinear Squeeze Film Dampers for Aircraft Engines (76-Lub-25) (A) **F (A) 142**; Optimum Bearing and Support Damping for Unbalanced Response and Stability of Rotating Machinery (77-GT-27) (A) **Jl 95**; Systems of Finite Elements for Finite Bearings (76-Lub-13) (A) **F 141**
Allen, C. A. Advances in Liquid Fluidized-Bed Heat Exchanger Development (77-HT-66) (A) **N 101**
Allen, J. Development of Compound Parabolic Concentrators for Solar Thermal Applications (76-WA/Sol-11) (A) **F 132**
Allen, R. W. Solar Powered Absorption Cycle Simulation Using Real and Stochastic Weather Data (76-WA/Sol-6) (A) **F 131**
Alloys
Declamination Wear of Dispersion-Hardened Alloys (76-WA/Prod-29) (A) **Jl 100**
Design and Costs of High Temperature Thermal Storage Devices Using Salts or Alloys (76-WA/HT-34) (A) **Je 111**
Optimizing Crack Growth Resistance in Engineering Alloys (77-DE-17) (A) **S 90**
Allsopp, L. E. The Design and Development of Turbocharged 1 Liter per Cylinder 4 and 6 Cylinder Air Cooled Diesel Engines (77-DGP-9) (A) **D 99**
Al-Quereshi, H. A. Analysis of Multi-Inversion of Tube Ends (77-DE-35) (A) **S 92**
Alston, T. M. Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) (A) **Ja 109**
Alternative Energy Sources
Alternative Energy Sources: A National Symposium (NR) **Ap 68**
Alternative Energy Technologies
"No" to Alternative Technologies (ES) **Mr 23**
Altitude Engine Tests
Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) (A) **Ag 105**
Altmann, H. A Regenerative Compressor (76-WA/PID-22) (A) **Je 108**
Aluminous Keatite
Aluminous-Keatite—An Improved Rotary Ceramic Regenerator Core Material (77-GT-60) (A) **Ag 100**
Aluminum
Delay Effects in a Pressure Vessel Material 5083-0 Aluminum (76-WA/PVP-1) (A) **Mr 100**
Fatigue Behavior of Aluminum Alloy Weldments (NB) **Ag 67**
A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) (A) **Mr 98**
Aluminized Mylar
Development of Large Fiberglass Reinforced Plastic Dewars for Superconducting Magnets at 4 K (76-WA/PID-11) (A) **Je 107**
Alveolus Lung
Air Mixing in a Model Lung Alveolus (77-Bio-4) (A) **S 98**
Amazigo, J. C. Fully Plastic Asymmetric Edge Crack Under Longitudinal Shear (77-APM-15) (A) **S 95**
Ambient Air Impact
Assessment of the Ambient Air Impact of Multiple Stack Industrial Plants Using Dispersion Modeling (76-Pet-70) (A) **Ja 106**
American Association for the Advancement of Science
Mass Media Intern Program (EN) **Ja 75**
American Automatic Control Council
1977 Donald P. Eckman Award (NR) **F 73**
American Consulting Engineers Council
National Engineering Scholarships (EN) **F 77**
American Industrial Development
Research and American Industrial Development: A Bicentennial Look at the Contributions of Applied R&D (CB) **F 144**
American National Standards Institute
New Standard to Interpret OSHA Rules (NB) **O 79**
NSB to Participate in Developing Voluntary Standards (NB) **D 73**
OSHA and ANSI: A New Relationship (NB) **Ja 74**
American Society of Association Executives
ASAE Finds a New Home (NR) **Ja 73**
American Society of Mechanical Engineers
Air Pollution Control Conference, review **Jl 84**
39th Annual American Power Conference, preview (NR) **Ap 67**, Review (NR) **Je 68**
17th Annual Heat Transfer Conference, preview (EN) **Jl 72**
Annual International Film and TV Festival Grand Prize Award **F 48**
1977 Annual Reliability and Maintainability Symposium, review (NR) **Mr 70**
ASME Adopts the CEU **F 79**
1977 ASME/ASLE Lubrication Conference, review **D 90**
ASME Council Report to the Membership, 1975–1976 **Ja CR-1**
ASME as a D.C. Lobbyist (NR) **D 68**
ASME Helps Define U.S. Energy Policy (Ed) **My 21**
ASME Memorial Fund **O 93**
ASME's New Journal of Mechanical Design **O 93**
1977–1978 ASME Officers Elected **Ja 87**
ASME Petroleum Division Awards Eight Scholarships (EN) **N 78**
ASME's Professional Development Program, preview **My 78**
On ASME's Political Statements (c) **O 56**
ASME's Professional Development Program Sponsors the First of a Series of Courses on Section VIII, Division 1 of the Boiler and Pressure Vessel Code, preview **Je 94**; ASME Publishes New Journal **My 79**
On ASME's Purpose (c) **O 57**
ASME Research Goals and Priorities Activities **Je 93**
ASME Responds to National Energy Policy (ES) **Je 24**
ASME Reports to the Nation U.S. Energy Conversion Research Needs **N 22**
ASME Short Courses (EN) **Ag 70**
1977 ASME Summer Annual Meeting, review **Ag 76**
ASME Superheads New Metric Program **Ap 84**
97th ASME Winter Annual Meeting Report, review **F 85**
From the Dais **F 86**
Special Lectures **F 97**
Honors and Awards **F 100**
At the Sessions **F 104**
Scanning the Sessions **F 117**
Business Meeting: Committees in Charge **F 121**
Woman's Auxiliary **F 122**
The Bottom Line (Ed) **O 25**
Buffalo Section Contest (EN) **D 76**
Coast Guard Adopts ASME Code (NR) **S 63**
Codes and Standards **My 105**; **S 105**; **Jl 108**; **Ap 109**; **Mr 109**; **D 110**; **Ja 115**; **N 130**; **F 146**; **O 146**; **O 115**;
Conference on Engineering in Medicine and Biology, preview (NR) **O 76**
Congressional Fellows Meet Challenges on the Hill **Ap 80**
Council Report to the Membership—1976-1977 **D GR-1**
Design Contest, review **D 89**
1977 Design Engineering Conference & Show, preview **Mr 86**
1977 Design Engineering and Plant Engineering and Maintenance Conferences and Shows, review **Jl 78**
Design Engineering Show, preview **N 88**
1977 Design Engineering Technical Conferences, preview **Ag 84**; review **D 88**
Energy Technology Conference and Exhibition, preview **Ag 115**; Review **D 82**
Engineering Foundation Sponsors Fellowship Grants (NR) **Mr 74**
Engineering Research Grants (NR) **O 75**
Engineers' Public Affairs Forum (NR) **MY 64**; review (NR) **Ag 60**
Ethics, Unethical Engineers, and ASME **Jl 42**
Exhibits Welcomed at 1978 Gas Turbine Conference **S 81**
Fifth National Air Pollution Control Symposium, preview **Ap 81**
A Firsthand Look At How ASME Nominates its Officers (PS) **N 81**
First International Conference on Wear of Materials, preview (NR) **Mr 73**; review **Je 86**
Fourth Freeman Scholar Program, preview **D 90**
1977 General Assembly of the Engineers Joint Council, review (NR) **Ap 64**
Have You Helped Select ASME's New Officers Yet? **F 124**
Houston Hosts Energy Technology Conferences and Exhibition, preview (NR) **My 64**
How to Celebrate a Centinnial **S 80**
The Importance of Section Meetings (PS) **Je 83**
Industrial Power Conference, preview **Ag 85**
12th International Congress on Combustion Engines and the 1977 Tokyo Joint Gas Turbine Congress, preview (NR) **F 74**
22nd International Gas Turbine Conference, preview **Mr 84**
12th Intersociety Energy Conversion Engineering Conference, review (NR) **N 70**
1977 Joint Applied Mechanics, Fluids Engineering, and Bioengineering Conference, review **Ag 86**
Joint Engineering Conference, preview (NR) **Ag 66**
1977 Joint IEEE-ASME Railroad Conference, review (NR) **Je 71**
1977 Joint Power Generation Conference, preview (NR) **S 621**; review **N 83**; 20th Joint Railroad Conference, preview (NR) **Mr 73**
Landmarks Program **Ap 82**; Historic Power Systems Recognized **Ag 81**; A Story of Waterworks, Steam Engines, and a Jib Crane **Je 90**; Up and Down the Hills of Pittsburgh **S 78**; 1977 Lubrication Conference, preview **S 81**; MDC: What Is It? Who Cares? (PS) **D 709**
National Engineers' Week, review **Ap 86**; **Je 95**
17th National Heat Transfer Conference, review **O 90**
National Nominations—Speak for Your Candidate! **My 80**
Needed: Nominees for Pi Tau Sigma-ASME Awards (NR) **D 72**
New ASME Stands Formulated (Ed) **F 29**
Nominations Wanted for 1978 ASME Officers **Mr 85**
Nominees Needed for Taylor Medal (NR) **My 64**
Offshore Technology Conference, preview (NR) **Ap 67**; review (NR) **Jl 64**
The Past, Present and Future of Section X of the ASME Boiler and Pressure Vessel Code (77-PVP-21) (A) **N 107**
1977 Plant Engineering and Maintenance Show, review (NR) **Ag 62**
Plant Engineering Programs (EN) **Ja 75**
Presidential Exchange Program: An Opportunity for ASME Members (NR) **D 71**
The P's and Q's of PR **Ja 86**
Regulation and Compliance Conference, preview **Ap 83**; **Mr 87**
Regulation and Compliance, review **Jl 82**
Reliability and Maintainability Symposium, preview (NR) **D 71**
Scholarships Awarded to Three Mexican Students (EN) **Ja 75**
Section and Region News **Ja 90**; **Mr 90**; **Ap 85**; **Je 95**; **Ag 87**; **N89**; **D91**
Seventh Symposium on Thermophysical Properties, preview (NR) **Ap 68**, review (NR) **S 61**
Solar Cooling and Heating Forum, review (NR) **F 70**
18th Structures, Structural Dynamics, and Materials Conference, preview (NR) **F 73**
Student Paper Winners (EN) **D 76**
Student Section at Temple, review (EN) **Mr 77**
Student Sections **O 83**
1977 Textile Engineering Conference, preview **S 81**; **Jl 86**
Third International Conference on Pressure Vessel Technology, preview (NR) **Ja 72**, review **Je 88**
Third International System Safety Conference, preview (NR) **S 63**
Voluntary Standards Attacked (Again) (NR) **Je 66**
Wanted: Food Production and Processing Committee Members **Ap 84**
Washington Welcomes Student Interns (NR) **Jl 68**
Why Do We Exist? (Ed) **Ag 17**
98th Winter Annual Meeting Program **0 WAM 1-48**
Woman's Auxiliary **Mr 87**; Edith Cullimore Bequest Enriches Rice Scholarship Fund: My 81; 98th Winter Annual Meeting, preview **S 74**; Section Happenings: **My 81**; Eleven Students Win Annual Awards **Ja 91**; The Latest Auxiliary Developments **Jl 86**; Section News **S 82**; At the Summer Annual Meeting **Ag 90**; Testimonial Dinner Honors "Lady WAM" **Je 94**; Thirteen Scholarships Awarded **N 90**; The Year in Review (Ed) **Je 3**
Ammonia
Hazards and Materials Compatibility of Ammonia for Power

Plant Applications (77-RC-4) (A) **Ag 108**

Ammonia Removal

Removal of Ammonia from Urine Vapor by a Dual-Catalyst System (77-ENAs-48) (A) **N 100**

Ammonia Turbine

Ammonia Turbomachinery Design Considerations for the Direct Cycle Nuclear Gas Turbine Waste Heat Power Plant (77-GT-75) (A) **Ag 102**

Amphibious Assault Landing Craft

Gas Turbine Installations for Air Cushion Vehicle Lift and Propulsion Power—The AALC JEFF Craft (77-GT-71) (A) **Ag 101**

Amstrong, E. L. *(editor)* History of Public Works in the United States 1776-1976 (CB) **JI 106**

Amtmann, H. H. Primary System Design Studies for Advanced Direct Cycle Nuclear Gas Turbine ced Direct Cycle Nuclear Gas Turbine Plant (77-GT-25) (A) **Ag 96**

Amtrak Turboline

Progress in Rail Transportation **My 44**

An, K. N. Graphical Interpretation of the Solution to the Redundant Problem in Biomechanics (77-Bio-1) (A) **S 98**

Analog Computer Simulation

A Real-Time Analogue Computer Simulation of a Turbo-charged Diesel Engine (76-WA/DGP-1) (A) **Ap 100**

Analog Simulation

Analysis of Pressure Pulsation in Reciprocating Compressor Piping Systems by Analog and Digital Simulation (76-WA/DGP-3) (A) **Ap 100**

Anand, D. K. Solar Powered Absorption Cycle Simulation Using Real and Stochastic Weather Data (76-WA/Sol-6) (A) **F 131**

Anand, R. K. Economical Removal of Sodium Water Reaction Products (SWRP) from an LMFBR Intermediate Heat Transport System (IHTS) (76-WA/HT-71) (A) **Je 115**

Andersen, J. O. Design and Manufacture of Graphite Epoxy Payload Bay Doors for the Shuttle Orbiter (76-WA/Aero-12) (A) **My 97**

Anderson, B. *(author)* Solar Energy: Fundamentals in Building Design (CB) **S 102**

Anderson, B. H. Synthetic Aperture Ultrasonic Inspection of Pressure Vessels and Piping (77-PVP-23) (A) **N 108**

Anderson, D. C. Structural Modeling Graphics: An Aid to Understanding Complex Design Problems (77-DET-6) (A) **D 101**

Anderson, D. E. A Review of Various Aspects of Design of a Circular Saw for Efficient Energy Use (77-DE-47) (A) **S 94**

Anderson, D. L. Tool Life Variation and its Influence on the Development of Tool Life Models (76-WA/Prod-1) (A) **JI 96**

Anderson, D. N. Emissions and Performance of Catalysts for Gas Turbine Catalytic Combustors (77-GT-65) (A) **Ag 100**

Anderson, H. H. Down With Winter! (C) **Ag 42**

Anderson, J. Fundamental Research Needs: A Status Report of the Task Force on Fundamental Research (76-WA/RGPC-5) (A) **JI 96**

Anderson, J. H. Development History of the RCC Brine Concentrator for Concentrating Cooling-Tower Blowdown (76-WA/Pwr-5) (A) **F 133**

Anderson, P. J. Liquefied Natural Gas Imports: The Potential for Additional Sources of Natural Gas for Electric Power Generation (76-JPGC-Fu-3) (A) **Ja 111**

Anderson, P. M. Double-Exposure Collectors with Mirrors for Solar-Heating Systems (76-WA/HT-16) (A) **My 99**

Anderson, R. A. A Review of the Elastic Solution for Fracture Pressure (76-Pet-96) (A) **F 138**

Andersson, C. A. Progress on Ceramic Rotor Blade Development for Industrial Gas Turbines (77-GT-42) (A) **Ag 98**

Anderton, G. L. Improved Management of Finite Element Analysis (76-WA/Aero-10) (A) **My 96**

Andresen, J. A. Performance Characteristics of Freight-Car Trucks Determined Through Road Testing (76-WA/RT-4) (A) **Mr 94**

Andrews, F. M. *(author)* Scientists in Organizations: Productive Climates for Research and Development (CB) **Mr 108**

Andrews, G. C. Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) (A) **Ap 96**

Andrews, R. W., Jr. PhD-bate (C) **Ag 42**; What's in a Ph.D.? (C) **Ap 51**; To Stimulate Critical Thought (C) **D 55**

Andreychek, T. S. Outlet Plenum Flow Stratification Studies for the Clinch River Breeder Reactor Plant (76-WA/HT-84) (A) **Je 117**

Anechoic Chambers

Characteristics of an Anechoic Chamber for Fan Noise Testing (77-GT-74) (A) **Ag 102**

Angelino G. The Use of Liquid Natural Gas as Heat Sink for Power Cycles (77-GT-19) (A) **JI 94**

Angelucci, E. *(author)* The Automobile: From Steam to Gasoline (CB) **My 104**

Anisotropic Materials

Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) (A) **JI 98**

Anisotropic Porous Media

Deviation Forces Arising from Single Bit Tooth Indentation of Anisotropic Porous Media (76-Pet-52) (A) **Ja 104**

Anisotropic Random Surfaces

Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-WA/Prod-9) (A) **JI 97**

Annual Cycle Energy System

Application of the Ice-Maker Pump to an Annual Cycle Energy System (76-WA/Ener-4) (A) **Ap 105**; The Ice House Cometh (NB) **Ap 71**

Annual Reports

How to Read an Annual Report (PS) **Ja 79**

Annular Disk Springs

A New Calculation of Coned Annular Disk Spring (76-WA/DE-9) (A) **Mr 104**

Annular Seals

High Stiffness Seals for Rotor Critical Speed Control (77-DET-10) (A) **D 101**

Annular Turbulent Flow

Computation of Annular Turbulent Flow With Rotating Core Tube (77-FE-13) (A) **S 100**

Antennas

Circular Antenna Signals Success (BTR) **F 61**

Anthracites

An Examination of the Influence of Ash on the Combustion Characteristics of Anthracites (76-WA/CD-2) (A) **My 91**

Anthracite Coal

Perfecting Jigs and Froth (ES) **My 22**

Antinucci, J. D. Federal Laboratory Technology Transfer—Fact or Fiction? (76-WA/Aero-3) (A) **My 95**

Anti-Technologists

A Difference of Attitude (c) O 55

Antiwear Cylinder Lubricants

Development of Antiwear Cylinder Oil for High Output Crosshead Diesels (77-DGP-10) (A) **D 98**

Apathetic Engineers

Behind Every Apathetic Engineer Lies an Engineering **S 73**

Apostal, M. C. Three Dimensional Elastic Stress Analysis of a Marine Riser Connector Assembly (76-Pet-83) (A) **Ja 108**

Applebaum, R. S. An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) (A) **Je 105**

Applications

New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**

Applied Mechanics

An Alternative Representation of the Elastic-Viscoelastic Correspondance Principle for Harmonic Oscillations (77-APM-11) (A) **S 95**

Analysis of Adhesively Bonded Joints Between Panels of Composite Materials (77-APM-1) (A) **S 94**

Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) (A) **S 98**

The Application of Greenhill's Formula to Cable Hockling (76-WA/APM-31) (A) **JI 104**

An Approximate Analysis of Laminar Dispersion in Circular Tubes (76-WA/APM-10) (A) **Je 110**

Axial Impact of Twisted Wire Cables (77-APM-2) (A) **S 94**

Branching Analysis at Coincident Buckling Loads of Non-conservative Elastic Systems (77-APM-30) (A) **S 98**

Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) (A) **S 97**

Contact Between Viscoelastic Bodies (76-WA/APM-19) (A) **JI 103**

The Crack-Contact and the Free-End Problem for a Strip Under Residual Stress (77-APM-3) (A) **S 94**

Creep Buckling of a Complete Spherical Shell (76-WA/APM-8) (A) **Je 109**

The Critical Excitation of Nonlinear Systems (77-APM-18) (A) **S 96**

Derivation of Polycrystal Creep Properties from the Creep Data of Single Crystals (77-APM-8) (A) **S 95**

Deviations From the Linear Transport Laws and Corrections to the Onsager Reciprocal Relations (76-WA/APM-2) (A) **Je 109**

The Dynamics of Discus Throw (76-WA/APM-34) (A) **JI 105**

Dynamics of a Partially Full Cylinder Containing a Magnetic Liquid in a Magnetic Field (76-WA/APM-4) (A) **Je 109**

Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) (A) **S 95**

Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) (A) **S 96**

The Effect of Principal Bending Curvature on the Lateral Buckling of Uniform Slender Beams (77-APM-22) (A) **S 96**

Elastic Interface Waves Involving Separation (77-APM-26) (A) **S 97**

Elasticity Solution of Deep Beam Under Settlement of Supports (76-WA/APM-23) (A) **JI 104**

Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) (A) **S 96**

Experimental Solution of Flexed Plates by the Method of Caustics (77-APM-12) (A) **S 96**

Flow-Induced Bending of Rectangular Plates (77-APM-14) (A) **S 95**

Fully Plastic Asymmetric Edge Crack Under Longitudinal Shear (77-APM-15) (A) **S 95**

Flutter of Articulated Pipes at Finite Amplitude (77-APM-9) (A) **S 95**

Fracture Analysis of Adhesively Bonded Sheets (76-WA/APM-12) (A) **JI 103**

Free Vibration of Fluid-Coupled Coaxial Cylindrical Shells of Different Lengths (76-WA/APM-3) (A) **Je 109**

The Frequency of Inertial Waves in a Rotating, Sectored Cylinder (76-WA/APM-22) (A) **JI 103**

The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) (A) **S 94**

Low Knudsen Number Creeping Motion of Two Touching Spheres (76-WA/APM-28) (A) **JI 104**

A Mixed Method in Elasticity (76-WA/APM-30) (A) **JI 104**

Multiple Fracture of Beams Under Localized Impulsive Loading (77-APM-23) (A) **S 97**

Natural Structural Shapes of Shallow Arches (77-APM-31) (A) **S 97**

Nonlinear Propagation of Wave-Packets on Fluid Interfaces (76-WA/APM-11) (A) **Je 110**

On Wake-Induced Flutter of a Circular Cylinder in the Wake of Another (77-APM-28) (A) **S 97**

The Plane Solution for the Elastic Contact Problem of a Semi-Infinite Strip and Half Plane (76-WA/APM-17) (A) **JI 103**

Plastic Internal Variables Formalism of Cyclic Plasticity (76-WA/APM-21) (A) **JI 103**

Plastic Wave Speeds in Isotropically Work-Hardening Materials (77-APM-13) (A) **S 96**

Point Force Solution for an Infinite Transversely Isotropic Solid (76-WA/APM-18) (A) **JI 103**

The Problem of Internal and Edge Cracks in an Orthotropic Strip (77-APM-19) (A) **S 96**

Production and Dissipation of Energy in the Turbulent Flow of a Particle-Fluid Mixture, With Some Results on Drag Reduction (76-WA/APM-24) (A) **JI 104**

Propagation of a Shock Wave Front Across a Curved Fluid-Solid Interface (76-WA/APM-9) (A) **Je 110**

Pulse Propagation in Fluid-Filled Tubes (77-APM-7) (A) **S 94**

Response of a String to an Accelerating Mass (76-WA/APM-26) (A) **JI 104**

Response of Three Oscillators Coupled by a Weak Nonlinearity (77-APM-5) (A) **S 94**

Saint-Venant's Principle and the Torsion of Thin Shells of Revolution (76-WA/APM-15) (A) **JI 103**

A Simple Technique for the Minimum Mass Design of Continuous Structural Members (77-APM-27) (A) **S 97**

Small Bubble Motion in an Accelerating Liquid (76-WA/APM-5) (A) **Je 109**

Solution Bounds for Transient Vibration Problems (76-WA/APM-27) (A) **JI 104**

The Squeezing of a Fluid Between Two Plates

(76-WA/APM-14) (A) **JI 103**
Stability of a Cluster of Flexible Cylinders in Bounded Axial Flow (77-APM-34) (A) **S 98**
The Stability of a Spinning Elastic Disk With a Transverse Load System (76-WA/APM-1) (A) **Je 109**
Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) (A) **S 97**
Stress-Intensity Factors for Very Short Cracks in Arbitrary Pressurized Shells (76-WA/APM-29) (A) **JI 104**
A Theorem on the Free Vibration of Damped Systems (77-APM-6) (A) **S 95**
A Theoretical and Experimental Investigation of Creep Problems With Variable Temperature (76-WA/APM-25) (A) **JI 103**
Thermal Stresses in Heat-Treated Fibrous Composites (76-WA/APM-12) (A) **JI 103**
Transient Boundary Layers Between Porous Plates (76-WA/APM-32) (A) **JI 105**
Transient Filtration in a Porous Elastic Cylinder (76-WA/APM-16) (A) **JI 103**
The Transient Motion of a Cylindrical Shell of Arbitary Cross Section in an Acoustic Medium (77-APM-33) (A) **S 98**
Transient Response of a Shear Beam to Correlated Random Boundary Excitation (77-APM-24) (A) **S 96**
Transient Response of Three-Layered Rings (77-APM-21) (A) **S 96**
Transverse Vibration of a Uniform, Simply Supported Timoshenko Beam Without Transverse Deflection (76-WA/APM-20) (A) **JI 103**
Uniaxial Creep Behavior of Metals Under Cyclic Temperature and Stress or Strain Variations (76-WA/APM-6) (A) **Je 109**
Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) (A) **S 96**
The Vibrations of an Infinite Orthotropic Layered Cylindrical Vixcoelastic Shell in an Acoustic Medium (76-WA/APM-33) (A) **JI 105**
Viscid-Inviscid Interaction of Incompressible Separated Flows (76-WA/APM-7) (A) **Je 110**
Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) (A) **S 96**

Applied Research & Development
Research and American Industrial Development: A Bicentennial Look at the Contributions of Applied R&D (CB) **F 144**

Appropriate Technology
Appropriate Technology: An Approach to Satisfying the Technical Needs of Developing Countries (76-WA/TS-12) (A) **My 89**
Appropriate Technology for Developing Countries (76-WA/TS-11) (A) **My 89**
Education for Appropriate Scale Technology (76-WA/TS-8) (A) **My 89**

April, D. Establishing Working Procedures for the Selection of Railroad Freight Car Trucks (76-WA/RT-8) (A) **Mr 94**

Aqueous Solution Scrubbing
Aqueous Solution Scrubbing for NO_x Control in Munitions Incineration (76-WA/Fu-9) (A) **Je 103**

Aquifers
Well-Hole Temperature Distribution in the Presence of Aquifers (76-Pet-59) (A) **Ja 105**

Aquifer Parameters
The Estimation of Aquifer Properties from Reservoir Performance in Water-Drive Fields (76-Pet-49) (A) **Ja 103**

Araoka, M. *(recipient)* Prime Movers Committee Award **D CR-13**

Arata, W. H., Jr. Electrons to Fellow Grade **S 86**

Arbitrary Cross Section
The Transient Motion of a Cylindrical Shell of Arbitrary Cross Section in an Acoustic Medium (77-APM-33) (A) **S 98**

Arbitrary Geometry
Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) (A) **S 99**

Arches
Natural Structural Shapes of Shallow Arches (77-APM-31) (A) **S 97**

Arctic Offshore Permafrost
Investigation of Arctic Offshore Permafrost Near Prudhoe Bay (76-Pet-97) (A) **F 138**

Arctic Oil Wells
Insulated Well Casings for the Arctic (76-Pet-87) (A) **Ja 108**

Arctic Resource Recovery
Economic Analysis of Cryogenic Pipelines for Arctic Resource Recovery (77-Pet-8) (A) **N 109**

Arctic Transportation
Arctic Transportation: Operational and Environmental Evaluation of an Air Cushion Vehicle in Northern Alaska (76-Pet-41) (A) **Ja 102**

Argon, A. S. *(recipient)* Charles Russ Richards Memorial Award **Ja CR-6**

Argonne National Laboratory
Argonne Joins Consortium (EN) **My 68**

Arora, J. S. Mechanical Design Optimization for Transient Dynamic Response (76-WA/DE-27) (A) **Mr 105**

Armor, A. F. Computer Design and Analysis of Turbine-Generator Fans (76-WA/FE-9) (A) **F 135**

Army's Aquila
Army's Aquila in Automatic Flight (BTR) **F 63**

Arndt, C. R. Simulation of Spray Canal Cooling for Power Plants—Performance and Environmental Effects (76-WA/HT-28) (A) **My 101**

Arnold, D. J. High-Temperature Potential of Uncooled Radial Turbines (77-GT-46) (A) **Ag 98**

Arrays
Analysis of Arrays of Extended Surface (77-HT-31) (A) **O 103**
Experimental Data on the Natural Frequency of a Tubular Array (77-FE-10) (A) **S 100**

Arterial Impedance
Estimation of Systemic Arterial Impedance in Man from Cardiac Catheterization Data (76-WA/Bio-6) (A) **JI 102**

Articular Cartilages
On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) (A) **F 139**

Articulated Pipes
Flutter of Articulated Pipes at Finite Amplitude (77-APM-9) (A) **S 95**

Articulated Vehicles
Effects of Drawbar Properties on the Behavior of Articulated Vehicles (76-WA/Aut-10) (A) **My 93**

Artificial Lung
Long-Term Maintenance on Artificial Lung (BTR) **My 53**

Artificial Surface Projections
The Effect of Artificial Surface Projections on Film-Boiling Heat Transfer (77-HT-81) (A) **N 104**

Artificial Ventricles
A Model of a Sac-Type Artificial Ventricle in Mock Circulation (76-WA/Bio-7) (A) **JI 102**

Asada, T. Experimental Study of LNG Underground Tanks (76-WA/PID-5) (A) **Je 106**

Ash Anthracites
An Examination of the Influence of Ash on the Combustion Characteristics of Anthracites 76-WA/CD-2) (A) **My 91**

Ashburn, A. Which Whitney? (c) **O 54**

Ash Chemical Composition
Empirical Correlation of Coal Ash Viscosity with Ash Chemical Composition (76-WA/Fu-3) (A) **Je 102**

Ashworth, R. A. Synthetic Fuels from Coal and Oil Shale (Technological and Economic Assessment) (76-Pet-22) (A) **Ja 101**

Asphalt Heating
Computer Aided Design of a Shell and Tube Heat Exchanger for Oil and Asphalt Heating (76-WA/HT-6) (A) **My 98**

Assard, D. G. FT4E-The Optimization of Proven Modular Industrial Gas Turbine (77-GT-23) (A) **JI 94**

Assurance Sciences
Reliability and Maintainability Symposium, preview (NR) **D 71**

Asymmetric Edge Cracks
Fully Plastic Asymmetric Edge Crack Under Longitudinal Shear (77-APM-15) (A) **S 95**

Asymmetric Flow
Flow Field Coupling Between Compression System Components in Asymmetric Flow (77-GT-17) (A) **JI 94**

Asymmetric Loadings
Stresses at the Junction of Conical Pressure Vessel Head and Cylindrical Outlet Caused by Asymmetric Loadings (77-PVP-43) (A) **D 104**

Atherosclerosis
The Smoking Baboon and Atherosclerosis (BTR) **N 55**

Atkins, R. J. Heat Transfer Tests of an Electrically Heated 7-Rod Mock-Up of an LMFBR Radial Blanket Assembly (76-WA/HT-80) (A) **Je 116**

Atmosphere Revitalization
Space Station Prototype Advanced Life Support System Hardware Testing (77-ENAs-32) (A) **N 98**

Atmosphere Wind
Roughness Element Geometry Required for Wind Tunnel Simulations of the Atmosphere Wind (76-WA/FE-18) (A) **F 135**

Atmospheric Effects
Computer Simulation of Atmospheric Effects of Waste Heat Rejected From Conceptual Large Power Parks (76-WA/HT-20) (A) **My 100**

Atomic Nuclei
The Future with Fusion Power **Ap 22**

Atomic Oxygen
Prediction of Instantaneous Temperature Using Spectroscopic Method (76-WA/TM-3) (A) **Je 104**

Atoms
Nuclear Physics Breakthrough (EN) **Ag 69**

Atoms for Peace
Re-Affirmating the Spirit of Geneva!—"Atoms for Peace" 1955 Vs. 1977 **Mr 24**

Atwater, M. A. Intraregional Variation of Radiation Data and Applications for Solar Simulation (76-WA/Sol-9) (A) **F 131**

Aude, T. C. Slurry Pipeline Design and Operation Pitfalls to Avoid (76-Pet-12) (A) **Ja 99**

Audit, T. E. *(recipient)* Marjorie Roy Rothermel Memorial Scholarship **Ja 91**

Augmented Deflector Exhaust Nozzle
Structural and Cooling Aspects of the Aden Nonaxisymmetric Exhaust Nozzle (77-GT-110) (A) **Ag 106**

Auguste, J.-C. Laminar Heat Transfer in Ducts with Viscous Dissipation and Convective Radiative Exchange at the Walls (76-WA/HT-59) (A) **Je 114**

Auld, A. J., Jr. An Approach to Measurement of Performance of a Combined Cycle Plant (76-JPGC-GT-6) (A) **Ja 111**

Auslander, D. M. Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite Time Settling Controlled/Observer (76-WA/Aut-8) (A) **My 93**

Auto Carriers
Progress in Rail Transportation **My 44**

Automated Measurement and Control Systems
Stingray Pipeline Automated Measurement and Control System (77-GT-91) (A) **Ag 104**

Automated Production Lines
Robotized Production Line (BTR) **My 51**

Automatic Assemblies
The Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 1: Nonvibratory Feeding Systems (76-WA/Prod-38) (A) **JI 101**; Part 2: Vibratory-Bowl Feeding Systems (76-WA/Prod-39) 9A) **JI 101**

Automatic Control
Analysis of Torsional Vibration in a High Bandwidth Angular Position Servo (76-WA/Aut-9) (A) **My 93**
Bond Graphs for Nonholonomic Dynamic Systems (76-WA/Aut-3) (A) **My 92**
On the Design of Servo Systems with Low Sensitivity (76-WA/Aut-4) (A) **My 92**
Designing Low-Order Near-Optimum Controllers with Just a Little Algebra (76-WA/Aut-5) (A) **My 92**
A Design Study of a Simple Conversational Language System (76-WA/Aut-11) (A) **My 93**
The Development of a Repulsive Magnetic Bearing (76-WA/Aut-7) (A) **My 93**
Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) (A) **My 92**
Effects of Drawbar Properties on the Behavior of Articulated Vehicles (76-WA/Aut-10) (A) **My 93**
Estimation and Control of Critical Gas Turbine Engine Variables (76-WA/Aut-12) (A) **My 93**
The Gyrobondgraph: A Canonical Form for Multiport System Models (76-WA/Aut-6) (A) **My 92**
Process Control Experience and a Self-Tuning Method for a Descrete-Time, Finite Time Settling Controlled/Observer (76-WA/Aut-8) (A) **My 93**
Vibratory Identification of Beam Boundary Conditions (76-WA/Aut-1) (A) **My 92**

Automatic Depth Controller
Automatic Depth Controller (BTR) **My 52**

Automatic Handling
Natural Resting Apsects of Parts for Automatic Handling (76-WA/Prod-40) (A) **JI 101**

Automatic Marshalling Yards
Improvement of Coupling-up Performance in Automatic Marshalling Yards: A Simulation (77-RT-8) (A) **Ag 107**

Automatic Test Flights
Army's Aquila in Automatic Flight (BTR) **F 63**

Automatic Train Controls
Transit System Safety (IF) **JI 62**

Automatic Welding System
The Automatic Welding System for Offshore Pipe Laying (76-Pet-32) (A) **Ja 102**
Automobile Safety
Making Driving Safer (BTR) **Je 57**
Automobiles
The Automobile: From Steam to Gasoline (CB) **My 104**; Autos: Small But Significant Changes (ES) **Mr 23**; Solar-Electric Automobile (IF) **My 60**; Update: Automobile Fuel Economy **D 30**
Automotive Gas Turbines
Advances in Automotive Gas Turbines **O 38**; Aerothermodynamic Performance of a Variable Nozzle Power Turbine Stage for an Automotive Gas Turbine (77-GT-95) (A) **Ag 104**; Influence on the Fuel Company of an Automotive Gas Turbine (77-GT-92) (A) **Ag 104**; Three-Shaft Automotive Turbine-Transmission System of the KTT Type-Performance and Features (77-GT-94) (A) **Ag 104**
Automotive Power
Gas Turbine Engineers Highlight New Fuels, Materials, Applications **My 74**
Automotive Propulsion Systems
Electrochemical Energy Conversion: Part 1—Electric Vehicle Propulsion **Je 30**
Automotive Radial Turbines
A Study of an Advanced Automotive Radial Turbine—A Design Procedure Considering Rotor Loss Distributions and Exit Flow Patters (77-GT-6) (A) **Jl 92**
Automotive Regulation
An Automotive Regulation (C) **Jl 50**
Auxiliary Equipment
Simulation Techniques in Seismic Qualification of Category I Auxiliary Equipment (77-DGP-18) (A) **D 100**
Au-Yang M.K. A Computerized Method for Flow-Induced Random Vibration Analysis of Nuclear Reactor Internals (76-WA/PVP-12) (A) **Mr 101**; Free Vibration of Fluid-Coupled Coaxial Cylindrical Shells of Different Lengths (76-WA/APM-3) (A) **Je 109**
Aviation Turbofans
NASA's Quiet, Clean General Aviation Turbofan (QCGAT) Program Status (77-GT-77) (A) **Ag 102**
Avionics Cooling System
A New Avionics Thermal Control Concept (77-ENAs-14) (A) **N 96**
Avitzur, B. Disk and Strip Forging for the Determination of Friction and Flow Strength Values (76-WA/Prod-7) (A) **Jl 97**
Avula, X. J. R. Dynamics of a Partially Full Cylinder Containing a Magnetic Liquid in a Magnetic Field (76-WA/APM-4) (A) **Je 109**
Awards
B&W Awarded ERDA Contract (NB) **N 75**
Energy Terminal Wins Award (NB) **Je 76**
Fulbright-Hays Awards (EN) **My 67**
RPI Awarded Grant for Composite Materials (EN) **Mr 78**
Writing Competition (EN) **Mr 78**
Awards Nominations
1977 Donald P. Eckman Award (NR) **F 73**
Axial Flow
Experimental Determination of Interior Subchannel Cross Flow and Axial Flow in a Model of the Clinch River Breeder Reactor Fuel Assembly Rod Bundle with Wire Wrap Spacers (76-WA/HT-83) (A) **Je 116**
Investigation of Turbulent Momentum Transfer of Fully Developed Rotating Annular Axial Flow of Air (76-WA/HT-85) (A) **Je 117**
Stability of a Cluster of Flexible Cylinders in Bounded Axial Flow (77-APM-34) (A) **S 98**
Axial Flow Compressors
Boundary-Layer Development on an Axial-Flow Compressor Stator Blade (77-GT-11) (A) **Jl 93**
Axial Flow Fans
Investigations on Axial Flow Fan Impellers With Forward Blades (77-FE-1) (A) **S 99**
Axial Heat Flow
Free Convection of Supercritical Helium-1 in Vertical Insulated Ducts Carrying Axial Heat Flow (77-HT-8) (A) **O 101**
Axial Impact
Axial Impact of Twisted Wire Cables (77-APM-2) (A) **S 94**
Axisymmetric Diffusers
An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers with Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) (A) **F 134**
Axle Load
Influence of Axle Load, Track Gauge, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) (A) **Mr 94**
Ayres, R. U. An Assessment of Methodologies for Estimating National Energy Efficiency (76-WA/TS-4) (A) **My 88**
Azar, J. J. Deep Water Pipe-Lay Stresses (76-Pet-79) (A) **Ja 107**
Aziz, A. A Perturbation Approach to Heat Conduction with Temperature Dependent Generation and Thermal Conductivity (77-HT-28) (A) **O 103**; Thermal Entrance Region Heat Transfer in Plane Couette Flow of a Non-Newtonian Fluid (76-WA/HT-41) (A) **Je 111**

B

Bachschmid, N. A Method for Investigating the Dynamic Behavior of a Turbomachinery Shaft on a Foundation (77-DET-16) (A) **D 102**
Bagci, C. Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) (A) **Ap 96**
Bagley, F. Ethics, Unethical Engineers, and ASME **Jl 42**
Bahl, R. C. Rigidity Analysis and Optimization of Warren Beams in Torsion (76-WA/Prod-32) (A) **Jl 100**
Baidakov, V. Superheated Liquids: Thermophysical Properties, Homogeneous Nucleation and Explosive Boiling-Up (77-HT-87) (A) **N 105**
Bailey, J. R. Economic Impact of a 90BA Noise Standard on Textile Spinning Operations (77-RC-15) (A) **Ag 108**; Fly-Shyttle Loom Noise **Ap 40**
Bailey, T. The Design of Ethylene Pyrolysis Furnaces as Related to Prevailing Energy Costs and Availability (77-Pet-36) (A) **D 107**
Baker, B. Development of a Prototype Regenerable Carbon Dioxide Absorber for Portable Life Support Systems (77-ENAs-54) (A) **N 100**
Baker, C. C. Review of the Conceptual Design of a Doublet Fusion Experimental Power Reactor (76-WA/NE-9) (A) **Ap 93**
Baker, E. W. Reducing Casing Vibrations on Large Vertical Circulating Water Pumps (77-FE-28) (A) **O 110**
Baker, L., Jr. Diffusion of Heat in Concrete at Elevated Temperatures (76-WA/HT-79) (A) **Je 116**
Baker, P. H. Progress in Railway Mechanical Engineering 1975–1976 Report of Survey Committee Locomotives (76-WA/RT-6) (A) **Mr 94**
Baker, S. E. *(recipient)* Charles T. Main Award **Ja CR-7**; Reactor Safety: A Basic Understanding for the Mechanical Engineer (NR) **Ja 71**
Bakioglu, M. The Crack-Contact and the Free-End Problem for a Strip Under Residual Stress (77-APM-3) (A) **S 94**
Bakken, G. B. Laboratory Techniques for Quantifying the Performance of Rail Vehicles Utilizing Servo-Controlled Hydraulic Vertical Actuators (76-WA/RT-5) (A) **Mr 94**
Balasubramaniam, T. A. Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique (76-WA/Bio-5) (A) **Jl 101**
Baldwin, R. M. Design Considerations for a Pneumatic Transport Vehicle (76-Pet-28) (A) **Ja 101**
Balje, O. E. A Flow Model for Centrifugal Compressor Rotors (77-GT-62) (A) **Ag 100**; High-Temperature Potential of Uncooled Radial Turbines (77-GT-46) (A) **Ag 98**
Ball, D. A. The Use of Low-Energy Gas in the Petroleum Refining Industry (76-Pet-23) (A) **Ja 101**
Ball, J. T. Intraregional Variation of Radiation Data and Applications for Solar Simulation (76-WA/Sol-9) (A) **F 131**
Ball Bearings
Design Criteria to Prevent Core Crushing Failure in Large Diameter, Case Hardened, Ball and Roller Bearings (77-DE-39) (A) **S 92**
A High-Speed Rolling-Element Bearing Loss Investigation (77-GT-86) (A) **Ag 103**
Performance of 75-Millimeter Bore Arched Outer-Race Ball Bearings (76-Lub-18) (A) **F 141**
Vibrational Characteristics of Ball Bearings (76-Lub-8) (A) **F 140**
Ball Joint Sockets
Analysis of Fatigue Fracture of Ball Joint Sockets by Indentation Hardness and Transmission Electron Microscopy (76-WA/Mat-3) (A) **Mr 99**
Balloon Flight
Binary Star System Studied by Ballon Flight (BTR) **D 62**
Ballou, E. V. The Preparation of Calcium Superoxide at Subambient Temperatures and Pressures (77-ENAs-55) (A) **N 100**; Urea Transport Through Composite Polyallylamine Membranes (77-ENAs-5) (A) **O 108**
Bamert, K. Measurements of the Performance of an Air Turbine Stage at Positive and Negative Mass Flow and Rotational Speed (Four-Quandrant Characteristics) (77-GT-14) (A) **Jl 94**
Bamford, W. H. Fatigue Crack Growth of Stainless Steel Piping in a Pressurized Water Reactor Environment (77-PVP-34) (A) **D 103**
Bammert, K. Considerations Concerning the Layout of Nuclear Helium Turbine Power Plants With Optimum Economy (77-GT-79) (A) **Ag 102**
Bandwidth Servo
Bansal, P. N. Investigation of Squeeze Film Damper Forces Produced by Circular Centered Orbits (77-GT-30) (A) **Ag 96**
Bar-Cohen, A. Constant Heating Transient Natural Convection in Partially Insulated Vertical Enclosures (77-HT-35) (A) **O 103**; Optimum Natural Convection Cooling of Electronic Assemblies (77-DE-37) (A) **S 92**
Barber, T. J. Vibratory Forcing Functions Produced by Nonuniform Cascades (77-GT-57) (A) **Ag 99**
Barge-Mounted Gas Turbines
Gas Turbine Salt Ingestion Analysis (77-GT-20) (A) **Jl 94**
Barnett, F. M. Synthetic Fuels from Coal and Oil Shale (Technological and Economic Assessment) (76-Pet-22) (A) **Ja 101**
Baron, I. The Gas Pump (76-Pet-101) (A) **F 139**
Baron, M. L. Elections to Fellow Grade **Jl 90**
Barrett, L. E. Design of Nonlinear Squeeze Film Dampers for Aircraft Engines (76-Lub-25) (A) **F 142**; Optimum Bearing and Support Damping for Unbalance Response and Stability of Rotating Machinery (77-GT-27) (A) **Jl 95**
Barrick, S. M. Empirical Correlation of Coal Ash Viscosity with Ash Chemical Composition (76-WA/Fu-3) (A) **Je 102**
Barrier Protection
Front Barrier Protection at 50 MPH (BTR) **Je 57**
Barron, R. F. Longitudinal Conduction in a Three-Fluid Heat Exchanger (76-WA/HT-9) (A) **My 98**
Barrow, B. B. Eye on SI (C) **Mr 50**
Barry, R. E. Simulation of Spray Canal Cooling for Power Plants—Performance and Environmental Effects (76-WA/HT-28) (A) **My 101**
Barstow, W. F. Inert Gas Systems for Secondary Recovery (76-Pet-86) (A) **Ja 108**
Bartel, D. Mechanical Analysis of Polycentric Tibial Track Loosening (77-Bio-7) (A) **S 99**
Bartholet, T. G. Experimental Determination of Interior Subchannel Cross Flow and Axial Flow in a Model of the Clinch River Breeder Reactor Fuel Assembly Rod Bundle with Wire Wrap Spacers (76-WA/HT-83) (A) **Je 116**
Basile, P. S. *(editor)* Energy Demand Studies: Major Consuming Countries; Analyses of 1972 Demand and Projections of 1985 Demand (CB) **Je 118**
Bass, J. C. Primary System Design Studies for Advanced Direct Cycle Nuclear Gas Turbine Plant (77-GT-25) (A) **Ag 96**
Bastow, D. C. Considerations in Designing High Temperature Dump Heat Exchangers (76-JPGC-NE-7) (A) **Ja 112**
Batdorf, S. B. *(recipient)* ASME Honorary Membership **Ja CR-6**
Bates, C. L. Techniques for Controlling Piping Vibration and Failures (76-Pet-18) (A) **Ja 100**
Bathelt, A. G. Study of Heat Transfer and Melting Front from a Cylinder Imbedded in a Phase Change Material (77-HT-42) (A) **O 104**
Batteries
Closing the Battery Gap (ES) **Mr 23**
Doubling Range of Electric Cars (BTR) **Ja 62**
A 10-MWh Battery (ES) **Ap 20**
Batty, J. C. Design of a Low-Cost Space Heating System Using Warm Geothermal or Industrial Effluents (77-DE-26) (A) **S 91**
Baudry, R. Paris Remembers Fulton (C) **Mr 53**
Bauer, L. D. *(recipient)* Marjorie Roy Rothermel Memorial Scholarship **Ja 91**
Bauers, G. T. More on Registration (C) **D 50**
Baum, A. J. Transition and Film Boiling Heat Transfer from Vertical Surfaces (77-HT-82) (A) **N 104**
Baum, H. New Car Design (C) **My 50**

Bauman, T. C. Registration for Respect (C) **Je 51**
Baxter, W. Computer-Aided Scheduling (77-Pet-34) (A) **D 107**
Bayonet Tubes
Structural and Thermal-Hydraulic Design of a Sodium Heated Duplex Bayonet Tube Steam Generator (76-WA/HT-74) (A) **Je 116**
Bazell, G. E. Waste Management for Shuttle (77-ENAs-26) (A) **N 98**
Beam Boundaries
Vibratory Identification of Beam Boundary Conditions (76-WA/Aut-1) (A) **My 92**
Beam Weldment Positioner
Handling the Awkward Weldment (BTR) **Ag 52**
Beams
Consistent Mass Matrix for Thick Beams (76-WA/PVP-13) (A) **Mr 101**
Design Considerations in Force-Deflection Relations of Cantilever Beams (77-DE-50) (A) **S 94**
The Effect of Principal Bending Curvature on the Lateral Buckling of Uniform Slender Beams (77-APM-22) (A) **S 96**
Elasticity Solution of Deep Beam Under Settlement of Supports (76-WA/APM-23) (A) **Jl 103**
Multiple Fracture of Beams Under Localized Impulsive Loading (77-APM-23) (A) **S 97**
Short Time Dynamic Elastic-Plastic Response of a Beam Due to a Time Varying Transverse Load with Application to Pipe Whip (77-PVP-56) (A) **D 105**
Transient Response of a Shear Beam to Correlated Random Boundary Excitation (77-APM-24) (A) **S 96**
Beard, J. T. Analysis of Thermal Performance of "Solaris" Water-Trickle Solar Collector (76-WA/Sol-21) (A) **F 132**
Bearing Assembly
Roller Bearing Assembly (IF) **Ja 68**
Bearing Clearances
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) (A) **Ap 96**
Bearing Dampers
Fluid Film Bearing Damper (BTR) **Ja 60**
Bearing Failures
Ideas and Hypotheses on Plain-Bearing Failures (77-DGP-13) (A) **D 99**
Bearing Flows
Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) (A) **F 139**
Bearing Life
Proper Lubrication—The Key to Better Bearing Life; Part I: Selecting the Correct Lubricant **O 32**; Part 2: Some Typical Lubricating Problems and Their Solutions **N 46**; Part 3: Extreme Operating Conditions **D 35**
Bearing Loss Investigations
A High-Speed Rolling-Element Bearing Loss Investigation (77-GT-86) (A) **Ag 103**
Bearing Misalignments
Diagnosis in Operation of Bearing Misalignments in Turbogenerators (77-DET-14) (A) **D 102**
Bearing Oil Delivery
Bearing Oil Delivery by Disk-Scraper Means (76-Lub-2) (A) **F 139**
Bearing Profiles
NDE Bearing Profiles (BTR) **F 65**
Bearings
The Advancement of Flexible Pipe Couplings and Bearings (76-Pet-68) (A) **Ja 106**
Compliant-Mounted Bearings and Their Application (77-DE-18) (A) **S 90**
Design Criteria to Prevent Core Crushing Failure in Large Diameter, Case Hardened, Ball and Roller Bearings (77-DE-39) (A) **S 92**
The Development of a Repulsive Magnetic Bearing (76-WA/Aut-7) (A) **My 93**
Short-Time Torque Investigations on DMA-Bearings (76-Lub-20) (A) **F 142**
Beasley, D. E. *(recipient)* Sylvia W. Farny Scholarship **N 91**
Bechthold, H. The Gas Pump (76-Pet-101) (A) **F 139**
Beck, E. J. One of the "Good Guys" (C) **D 55**
Beck, S. A. Digital Experimental Techniques for Troubleshooting Vibration Problems in Rotating Equipment (77-PVP-49) (A) **D 105**
Beckman, W. A. Solar Heating in the United States (76-WA/Sol-8) (A) **F 131**; Solar Heating in North America **N 36**
Bedding Materials
The Effect of Bedding Materials on Boiling Heat Transfer (77-HT-26) (A) **O 103**
Beese, J. G. Plastic Instability of Thin-Walled Spherical and Cylindrical Shells of Laminated Construction (77-PVP-40) (A) **D 104**
Beesley, G. Solar Prognosis (C) **F 56**
Bejan, A. Force, Mass Morass (C) **Ja 55**; Refrigeration for Forced-Cooled Large Superconducting Magnets (76-WA/PID-4) (A) **Je 106**; Transient Behavior of Normal Zones in One-Dimensional Composite Superconductors (77-HT-74) (A) **N 103**
Bekofske, K. L. Fan Inlet Disturbances and Their Effect on Static Acoustic Data (77-GT-63) (A) **Ag 101**
Beliveau, J. G. Self-Excited Aeroelastic Instability of a Bridge Deck (76-WA/FE-25) (A) **F 136**
Bell, C. J. A MHD Simulation Test Facility for Investigating the Thermal Properties of a Slag/Seed Coated Radiant Boiler and Superheater for a 2000-MWt MHD Power Plant (77-HT-64) (A) **N 101**
Bell, H. F. Crude Oil Working Storage in a Gulf Coast Salt Dome (76-Pet-67) (A) **Ja 106**
Beller, L. S. Automated Ultrasonic Testing—Capabilities, Limitations, and Methods (77-PVP-16) (A) **N 106**
Bellucci, A. *(author)* The Automobile: From Steam to Gasoline (CB) **My 104**
Belt Conveyors
Unique Catenary-Type Idler (BTR) **My 52**
Beltavator System
New Vertical-Lift Belt-Type Conveyor (BTR) **Ag 53**
Bender, D. J. A Two-Phase-Flow Cooling Concept for Fusion Reactor Blankets (77-HT-86) (A) **N 105**
Bending
Flow-Induced Bending of Rectangular Plates (77-APM-14) (A) **S 95**
Bending Curvature
The Effect of Principal Bending Curvature on the Lateral Buckling of Uniform Slender Beams (77-APM-22) (A) **S 96**
Bending Moments
Fixed Edge Bending Moments of Thin Rectangular Cantilever Plates Due to Line Loading (77-DET-119) (A) **D 102**
Bending Properties
Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) (A) **F 133**
Benedict, C. P. Icebergs and Canadian East Coast Exploration (76-Pet-103) (A) **F 139**
Benidict, R. P. *(author)* Fundamentals of Temperature, Pressure and Flow Measurements (CB) **S 104**; Loss Coefficients For Fluid Meters (76-WA/FM-2) (A) **Je 105**
Bennett, B. E. Propagation of a Shock Wave Front Across a Curved Fluid-Solid Interface (76-WA/APM-9) (A) **Je 110**
Bennett, J. L. Manufacturers' Response to Product Safety Standards (77-DE-4) (A) **S 88**
Bennett, R. G. Interferometric Investigation of Turbulently Fluctuating Temperature in an LMFBR Outlet Plenum Geometry (76-WA/HT-82) (A) **Je 117**
Bennett, R. P. Fly Ash Conditioning to Improve Precipitator Efficiency with Low Sulfur Coals (76-WA/APC-8) (A) **Ap 104**
Benson, R. S. A Real-Time Analogue Computer Simulation of a Turbocharged Diesel Engine (76-WA/DGP-1) (A) **Ap 100**
Berger, B. S. The Transient Motion of a Cylindrical Shell of Arbitrary Cross Section in an Acoustic Medium (77-APM-33) (A) **S 98**; The Vibrations of an Infinite Orthotropic Layered Cylindrical Viscoelastic Shell in an Acoustic Medium (76-Wa/APM-33) (A) **Jl 105**
Bergles, A. E. More PhD-bate (c) **O 56**
Bergmann, H. W. Design and Manufacture of Graphite Epoxy Payload Bay Doors for the Shuttle Orbiter (76-WA/Aero-12) (A) **My 97**
Berman, P. A. Turbo Machinery Systems for Compressed Air Energy Storage (76-JPGC-GT-1) (A) **Ja 111**
Berner, F. Fluid Loop Systems for Use in Spacecraft Thermal Control (77-ENAs-13) (A) **O 109**
Berry, B. J. *(editor)* The Social Burdens of Environmental Pollution Comparative Metropolitan Data Source (CB) **D 109**
Berry, M. J. On ASME's Purpose (c) **O 57**
Bert, C. W. Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) (A) **S 95**
Bertoncini, P. J. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**
Berzins, V. Carbon Dioxide Absorption in Packad Beds of Alkaline Carbonate Materials (77-ENAs-17) (A) **O 109**
Betser, A. A. Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) (a) **Jl 98**
Betten, P. R. Determination of the Point of Net Vapor Generation in Forced Convection Subcooled Boiling (76-WA/HT-86) (A) **Je 117**; Structural and Thermal-Hydraulic Design of a Sodium Heated Duplex Bayonet Tube Steam Generator (76-WA/HT-74) (A) **Je 116**
Bettes, R. S., Jr. Eye on SI (C) **Mr 50**
BeVier, W. Thermal Testing of High Performance Cryogenic Envelope for Superconducting Power Cable (76-WA/PID-10) (A) **Je 107**
BeVier, W. E. The Economics and Requirements of the Helium Refrigerator System for Superconducting Power Transmission Application (76-WA/PID-3) (A) **Je 106**
Bhagat, N. Systems Framework for Materials Policy (76-WA/TS-2) (A) **My 88**
Bhatia, D. H. Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) (A) **Ap 96**
Bhattacharyya, D. Ultrafiltration of Black and Gray Wastewater (77-ENAs-57) (A) **N 101**
Bhatti, M. S. Dynamics of a Vaporizing Droplet in Laminar Entry Region of a Straight Channel (77-HT-40) (A) **O 104**
Bhumralkar, C. M. Computer Simulation of Atmospheric Effects of Waste Heat Rejected From Conceptual Large Power Parks (76-WA/HT-20) (A) **My 100**
Bibliographic Aids
Government Publications: A Guide to Bibliographic Tools, Incorporating Government Organization Manuals: A Bibliography (CB) **D 109**
Biderman, R. Effect of Rod Bowing on CHF in PWR Fuel Assemblies (77-HT-91) (A) **N 105**
Bidwell, R. L. Design-to-Cost in Action (77-DE-9) (A) **S 89**
Bienert, W. B. Heat Pipes in Flat Plate Solar Collectors (76-WA/Sol-12) (A) **Mr 102**
Bienstock, B. Combustion of Pulverized Solvent-Refined Coal (76-WA/Fu-6) (A) **Je 102**
Bigret, R. Use of In-Field Computer for Balancing High Power Turbo-Machinery (77-DET-11) (A) **D 102**
Billimoria, H. D. Stiffness Coefficients and Allowable Loads for Nozzles in Flat Bottom Storage Tanks (77-PVP-19) (A) **N 107**
Billups, M. A Two-Dimensional Heat Transfer Model of a Flat Plate Collector (76-WA/Sol-2) (A) **F 131**
Binary Star System
Binary Star System Studied by Balloon Flight (BTR) **D 62**
Bingle, J. D. Diffusion of Heat in Concrete at Elevated Temperatures (76-WA/HT-79) (A) **Je 116**
Bioengineering
Air Mixing in a Model Lung Alveolus (77-Bio-4) (A) **S 98**
Bioengineering Considerations in the Design of Protective Headgear (76-WA/Bio-8) (A) **Jl 102**
The Concentration Polarization of Solutes Within Biological Cells (76-WA/Bio-4) (A) **Jl 101**
The Elasticity of Sclera, Cornea, and Choroid, and its Implications on Scleral Rigidity and Accommodations (77-Bio-5) (A) **S 99**
An Electrohydaulic Knee-Torque Controller for a Prosthesis Simulator (76-WA/Bio-10) (A) **Jl 102**
Estimation of Systemic Arterial Impedance in Man from Cardiac Catheterization Data (76-WA/Bio-6) (A) **Jl 102**
Fluid Dynamics of Multiple Noncritical Stenoses (76-WA/Bio-2) (A) **Jl 101**
Graphical Interpretation of the Solution to the Redundant Problem in Biomechanics (77-Bio-1) (A) **S 98**
Heat Transfer Across Centrifugally Stabilized Liquid-Liquid Interfaces: Application to Extracorporeal Heat Exchanger Design (76-WA/Bio-9) (A) **Jl 102**
Mechanical Analysis of Polycentric Tibial Track Loosening (77-Bio-7) (A) **S 99**
Mechanical Properties of Fractures as Function of Healing Time (77-Bio-2) (A) **S 98**
A Model of a Sac-Type Artificial Ventricle in Mock Circulation (76-WA/Bio-7) (A) **Jl 102**
Prerupture Behavior of Biosystems Under Stress (77-Bio-3) (A) **S 98**
Spectral and Temporal Characteristics of Post-Stenotic Turbulent Wall Pressure Fluctuations (77-Bio-8) (A) **S 99**
Stress Analysis of the Geometric Knee Under Static Loading

(77-Bio-6) (A) **S 99**
Testing of Prosthetic Heart Valves (76-WA/Bio-3) (A) **JI 101**
Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique (76-WA/Bio-5) (A) **JI 101**
A Three-Dimensional Mathematical Simulation of Pedestrian-Vehicle Impact with Experimental Verification (76-WA/Bio-1) (A) **JI 101**

Biological Cells
The Concentration Polarization of Solutes Within Biological Cells (76-WA/Bio-4) (A) **JI 101**

Biology
Los Angeles Hosts Engineering in Medicine and Biology (NR) **O 76**

Biomaterials
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**
Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique (76-WA/Bio-5) (A) **JI 101**

Biomechanical Engineering
ASME Publishes New Journal **My 79**

Biomechanics
Biomechanics and Energetics of Muscular Exercise (CB) **N 112**
A Cooperative Effort in Biomechanics **Ag 86**
Graphical Interpretation of the Solution to the Redundant Problem in Biomechanics (77-Bio-1) (A) **S 98**

Biomedical Engineering
New Career Paths in Engineering: Applications of Solar Energy **O 50**
New Career Paths in Engineering—Geothermal Energy **N 50**
New Career Paths in Engineering—Materials: The Stuff of Which Things Are Made **Ag 38**
New Career Paths in Engineering: Ocean Engineering **S 42**
New Career Paths in Engineering—Preparing for an Engineering Career **Ap 48**
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**

Biosystems
Prerupture Behavior of Biosystems Under Stress (77-Bio-3) (A) **S 98**

Blackouts
Of Failures and Foresight (C) **N 54**
The Failures in Power (ES) **S 18**

Bladder Function Device
Automatic Laser Gaging (BTR) **N 64**

Blade Flutter
Optical Detection of Blade Flutter **77-GT-66**
Flutter (77-GT-66) (A) **Ag 101**

Blade Section Design
Refinement of the Mean Streamline Method of Blade Section Design (76-WA/FE-11) (A) **F 135**

Blades
Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) (A) **S 99**

Blanco, A. Investigation of Squeeze Film Damper Forces Produced by Circular Centered Orbits (77-GT-30) (A) **Ag 96**

Blanket Systems
Thermal-Hydraulic Analysis of Low-Activity Fusion Blanket Designs (77-HT-85) (A) **N 104**
Thermal Hydraulic and Power Cycle Analysis of Liquid Lithium Blanket Designs (77-HT-84) (A) **N 104**
A Two-Phase-Flow Cooling Concept for Fusion Reactor Blankets (77-HT-86) (A) **N 105**

Blass, P. L. Not So Fast (C) **My 49**; Rocky Rocket Reasoning? (C) **O 57**

Blazynski, T. Z. *(author)* Metal Forming: Tool Profiles and Flow (CB) **JI 107**

Bleed Valve Control
Fluidic Compressor Bleed Valve Control for Small Gas Turbine Engines (76-WA/Flcs-7) (A) **Ap 101**

Blenders
An Improved Mathematical Model for Continuous Blenders (76-WA/PID-18) (A) **Je 108**

Blevins, R. D. Fluid Elastic Whirling of Tube Rows and Tube Arrays (76-WA/FE-26) (A) **F 137**

Block, H. P. Development and Experience with Computerized Acoustic Incipient Failure Detection (IFD) Systems (77-Pet-2) (A) **N 108**

Blodgett, O. W. Elections to Fellow Grade **O 98**

Bloemer, J. W. Evaluation of Multiple Noise Sources in a Large Room (76-WA/PID-20) (A) **Je 108**

Bloom, A. M. Heat Transfer in Solar Energy Storage (77-HT-38) (A) **O 104**

Bloom, J. M. Determination of Stress Intensity Factors for Gradient Stress Fields (76-WA/PVP-10) (A) **Mr 100**

Bloom, S. Performance Evaluation on the Owens-Illinois Sunpack Solar Energy Collector (76-WA/Sol-16) (A) **F 132**

Blottner, F. G. Entry Flow in Straight and Curved Channels With Slender Channel Approximations (77-FE-2) (A) **S 99**

Blount, F. Evaluation of the Sulfide SCC Susceptibility of Tubular Steels (77-Pet-3) (A) **N 108**

Blowdown Heat Transfer Tests
Effects of Modeling Variations on RELAP4 Predictions of Standard Problem Five (76-WA/HT-52) (A) **Je 113**

Bluff Bodies
An Investigation of the Forces on Three-Dimensional Bluff Bodies in Rough Wall Turbulent Boundary Layers (76-WA/FE-1) (A) **F 134**

Blum, H. A. Elections to Fellow Grade **Ja 96**

Bocchicchio, R. L. The Performance of the Water Bubbler Heat Sink for the EF-111 Aircraft (77-ENAs-11) (A) **N 96**

Bockrath, J. T. *(author)* Environmental Law for Engineers, Scientists, and Managers (CB) **S 104**

Boden, B. G. Re: "Of Failures and Foresight" (C) **D 55**; Re: "P.E. Perspectives" (C) **D 50**; P.E. Registration—Where Did We Go Wrong? **S 29**

Bodola, J. Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) (A) **Mr 99**

Boehem, A. M. The Development and Testing of a Regenerable CO2 and Humidity Control System for Shuttle (77-ENAs-27) (A) **N 98**

Boehm, R. F. Experimental Measurements and System Implications of the Performance of Flat Plate Solar Collector Configurations (76-WA/Sol-14) (A) **Mr 102**; Heat Transfer Considerations of a Nonconvecting Solar Pond Heat Exchanger (76-WA/Sol-4) (A) **F 131**

Boenig, F. H. The Design of Turbomachinery for the Gas Turbine (Direct Cycle) High Temperature Gas Cooled Reactor Power Plant (77-GT-38) (A) **Ag 97**

Bogdanoff, J. L. Some Results on Dynamic Characteristics of Major Components of 1200-MW Fossil Fuel Steam Generating Plant (76-JPGC-Pwr-11) (A) **Ja 110**

Bogy, D. B. The Plane Solution for the Elastic Contact Problem of a Semi-Infinite Strip and Half Plane (76-WA/APM-17) (A) **JI 103**

Bohm, G. J. Building and Equipment Seismic Response for PWR Plants (76-WA/PVP-14) (A) **Mr 101**

Bohn, D. Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) (A) **JI 93**

Bohner, N. D. Valve Wear, Statistically Speaking (77-DGP-8) (A) **D 98**

Boiler Feed Control
Effective Boiler Feed Control for Test Loops (76-WA/NE-15) (A) **Ap 94**

Boiler Fuels
Coal-in-Oil: A Substitute Boiler Fuel (76-WA/Fu-2) (A) **Je 102**

Boiler Furnace Explosion
Case History of a Two Burner Boiler Explosion (76-Pet-19) (A) **Ja 100**

Boiler Room Operation
Boiler Room Questions and Answers (TL) **Ja 114**

Boiler Systems
Dumper-Incinerator-Boiler System (BTR) **Ag 54**

Boilers
The Multifuel Boiler (ES) **My 23**
Operational Limitations of Direct Contact Boilers for Geothermal Applications (77-HT-5) (A) **O 101**
Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) (A) **Je 103**
Utilization of Petroleum Crude Oils as Boiler and Combustion Turbine Fuels (76-JPGC-Fu-2) (A) **Ja 111**
World's Largest Package Boiler (IF) **JI 63**

Boiling
Boiling Limited Heat Pipes in a Mid-Temperature Range (150 to 300°C) (77-HT-39) (A) **O 104**
Determination of the Point of Net Vapor Generation in Forced Convection Subcooled Boiling (76-WA/HT-86) (A) **Je 117**
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) (A) **Je 104**

Boiling Heat Transfer
The Effect of Bedding Materials on Boiling Heat Transfer (77-HT-26) (A) **O 103**

Boiling Potassium
A Two-Phase-Flow Cooling Concept for Fusion Reactor Blankets (77-HT-86) (A) **N 105**

Bojic, M. *(recipient)* Calvin W. Rice Memorial Scholarship **Ja 91**

Bokaemper, J. Optimized Expander Process in Operation in LNG Peakshaving Plant (76-WA/PID-9) (A) **Je 107**

Bollinger, J. G. *(recipient)* Gustus L. Larson Memorial Award **Ja CR-6**

Bolta, C. C. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**

Boltshauser, H. Operational and Maintenance Experience of an Industrial Type 14-MW Gas Turbine (77-GT-78) (A) **Ag 102**

Bolz, R. W. *(author)* Production Processes; The Productivity Handbook (CB) **Ag 112**

Bond Graphs
Bond Graphs for Nonholonomic Dynamic Systems (76-WA/Aut-3) (A) **My 92**
The Gyrobondgraph: A Canonical Form for Multiport System Models (76-WA/Aut-6) (A) **My 92**

Bonded Interface
Elastic Interface Waves Involving Separation (77-APM-26) (A) **S 97**

Bonded Joints
Analysis of Adhesively Bonded Joints Between Panels of Composite Materials (77-APM-1) (A) **S 94**

Bonilla, C. F. A Survey of Rewetting Following a Postulated LOCA (77-HT-93) (A) **N 105**

Bonne, U. Improvement of Seasonal Efficiency of Residential Heating Systems (76-WA/Fu-7) (A) **Je 103**

Bonsteel, D. L. Collaborative Utilization of Computing Techniques to Achieve Energy-Effective Design of Buildings (76-WA/HT-23) (A) **My 100**

Boom Towns
Instant Cities (ES) **Ag 18**

Booth, E. T. Fly-Shuttle Loom Noise **Ap 40**

Boothroyd, G. Natural Resting Apsects of Parts for Automatic Handling (76-WA/Prod-40) (A) **JI 101**

Bootsma, J. Conditions of Leakage-Free Operation of Herringbone Grooved Journal Bearings (76-Lub-27) (A) **F 142**

Borehole Stability
Boreholes' Stability and Its Prognosis in Ledge Rock Masses (76-Pet-58) (A) **Ja 105**

Borgatti, C. An Investigation of the Physical Properties of Fly-Ash Influencing the Performance of Electrostatic Precipitators (76-WA/APC-4) (A) **Ap 103**

Borgmeyer, M. E. Transport of Crude Oil as Oil-in-Water Emulsions (77-FE-26) (A) **O 110**

Boring Axis
Laser Beam Centering System (IF) **Je 65**

Boron-Epoxy
Advanced Composites: Design Technology Transfer for Aerospace **Je 36**

Bortman, J. S. Small is Beautiful-Technology as if People Mattered (76-WA/Aero-1) (A) **My 95**

Bostwick, W. D. Engineering Education for Practice (EN) **My 66**

Botman, M. Experiments on the Transient Response of Oil-Film Dampers (77-GT-31) (A) **Ag 96**

Bottom Pulling Systems
Installation of Deep Offshore Pipelines (1000-m Depth) by Bottom Pull Method (76-Pet-80) (A) **Ja 107**

Boundary Excitation
Transient Response of a Shear Beam to Correlated Random Boundary Excitation (77-APM-24) (A) **S 96**

Boundary Layer Calculations
Prediction of Flow Separation in a Diffuser by a Boundary Layer Calculation (76-WA/FE-6) (A) **F 134**

Boundary Layer Interaction
Transonic Normal Shock-Turbulent Boundary Layer Interaction in Pressure Gradient Flows (77-GT-34) (A) **JI 95**

Boundary Layers
The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) (A) **S 94**
The Numerical Calculation of Buoyancy Driven Boundary Layers (76-WA/HT-53) (A) **Je 113**
Transient Boundary Layers Between Porous Plates (76-WA/APM-32) (A) **JI 105**
Boundary-Layer Development on an Axial-Flow Compres-

sor Stator Blade (77-GT-11) (A) **JI 93**

Bow-Shocks
Inverse Computation of Profile Shapes for Given Transonic Flow-Configuration With and Without Detached Bow-Shocks in Two-Dimensional Turbomachinery Cascades (77-GT-33) (A) **Ag 97**

Bowers, D. A. An Approach for Determining the Impact of Peak Coolant Temperature on Fusion Reactor Size and Electricity Costs (77-HT-73) (A) **N 103**

Bowman, H. F. Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique (76-WA/Bio-5) (A) **JI 101**

Bowyer, J. M. Jr., Transient Analysis of a Permeable Thermal Barrier System (77-DE-24) (A) **S 91**

Boyadjieff, G. Training Requirements to Accompany Advancement and Technology—A Manufacturer's and Supplier's Viewpoint (76-Pet-7) (A) **Ja 99**

Boyd, J. *(recipient)* Mayo D. Hersey Award **Ja CR-7**

Boyd, W. K. Corrosion and Deposits From Combustion of Solid Waste Part V: Firing of Refuse with High-Sulfur Coal (76-WA/CD-1) (A) **My 91**

Boyen, J. L. Design Considerations for Heat Recovery System for DD-963 Class Ship (77-GT-106) (A) **Ag 105**

Boyer, G. C. Of Moles and Math (C) **S 45**

Boyle, J. T. The Flexibility of Curved Pipes in Creep (76-WA/PVP-4) (A) **Mr 100**

Braaten, R. W. Oil Conservation in Home Heating (76-WA/Fu-8) (A) **Je 103**

Bradley, M. R. Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) (A) **S 98**; Stress-Intensity Factors for Very Short Cracks in Arbitrary Pressurized Shells (76-Wa/APM-29) (A) **JI 104**

Bradley, W. B. An Experimental Evaluation of Drill Pipe Protectors (76-Pet-47) (A) **Ja 103**; Minimizing Casing Wear in Dog Legs (76-Pet-56) (A) **Ja 104**

Brady, G. S. *(author)* Materials Handbook (CB) **Ag 112**

Brain Analysis
The Engineer's Role in Analysis of the Brain (76-WA/Mgt-5) (A) **Je 104**

Brake Shoes
Thermal Patterns in 36-Inch Freight Car Wheels During Service Tests (76-WA/RT-11) (A) **Mr 95**

Brakes
Full-Power Parking/Emergency Brakes and Fail-Safe on Four-Wheel Disc Brake Systems (76-WA/Saf-3) (A) **Ap 95**

Branching Analysis
Branching Analysis at Coincident Buckling Loads of Non-conservative Elastic Systems (77-APM-30) (A) **S 98**

Bratton, R. J. Progress on Ceramic Rotor Blade Development for Industrial Gas Turbines (77-GT-42) (A) **Ag 98**

Bravenec, E. V. High Notch Toughness Steel for Large LPG Tanks (76-Pet-57) (A) **Ja 104**; Practical Quality Assurance Manual (77-PVP-20) (A) **N 107**

Brayton Cycle
Where the Sun Shines Bright (C) **Ap 51**

Brazing
Brazing—An Economical, High-Quality Joining Process (77-DE-43) (A) **S 93**

Breathing Apparatus
Emergency Escape Breathing Apparatus for Ships (77-ENAs-58) (A) **N 101**

Breathing Dynamics
Breathing Dynamics of a Diver Face Mask Fitted With a Demand Regulator (77-DE-30) (A) **S 92**

Bredin, H. Computerized Engine Testing—A Better Way **F 42**

Breed, A. R. Elections to Fellow Grade **O 98**

Breeder Reactors
A-Weapons and the Breeder — How Firm the Connection? (NR) **Je 68**
To Breed or Not To Breed? **F 32**
Energy Policy Implications (C) **JI 48**
Europe, the Breeder, and Reprocessing (ES) **O 27**

Brentano, L. D. State-of-the-Art Computer Software Piping Analysis According to Section III of ASME B&PB Code (76-WA/PVP-18) (A) **Mr 102**

Bresnahan, D. L. NASA's Quiet, Clean General Aviation Turbofan (QCGAT) Program Status (77-GT-77) (A) **Ag 102**

Breugelman, F. A. E. The Variable Geometry in Supersonic Compressors (77-GT-35) (A) **JI 95**

Bridge Decks
Self-Excited Aeroelastic Instability of a Bridge Deck (76-WA/FE-25) (A) **F 136**

Bridge Girders
Optimum Design of Bridge Girders of Electric Overhead Travelling Cranes (76-WA/DE-28) (A) **Ap 100**

Briggs, R. E. On the Right Track? (C) **JI 48**

Brigham, W. E. Shape-Factor Correlations for Transient Heat Conduction from Irregular-Shaped Rock Fragments to Surrounding Fluid (77-HT-54) (A) **O 106**

Brine Concentration
Cooling Water Salinity and Brine Disposal Optimized with Electrodialysis Water Recovery/Brine Concentration System (76-WA/Pwr-3) (A) **F 133**
Development History of the RCC Brine Concentrator for Concentrating Cooling-Tower Blowdown (76-WA/Pwr-5) (A) **F 133**

Bristol, E. H. A Design Study of a Simple Conversational Language System (76-WA/Aut-11) (A) **My 93**

Broichhausen, K. -D. Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) (A) **JI 93**

Brombach, H. Tests on a Very Large Vortex Valve (76-WA/Flcs-9) (A) **Ap 101**

Brooks, J. N. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**

Brose, H. F. A Representative Shuttle Environmental Control System (77-ENAs-25) (A) **N 97**

Brosseau, T. L. Reduction of Heat Transfer to High Velocity Gun Barrels by Wear-Reducing Additives (77-HT-19) (A) **O 102**

Brown, A. Boiling Limited Heat Pipes in a Mid-Temperature Range (150 to 300°C (77-HT-39) (A) **O 104**; The Effects of Free-Stream Turbulence Intensity and Velocity Distribution on Heat Transfer to Curved Surfaces (77-GT-48) (A) **Ag 98**

Brown, D. L. Design of a Viscoelastic Dynamic Absorber For Machine Tool Applications (76-WA/Prod-20) (A) **JI 98**

Brown, F. T. Bond Graphs for Nonholonomic Dynamic Systems (76-WA/Aut-3) (A) **My 92**

Brown, G. A. Nonlinear Expanders for Diesel-Cycle Application—Part IV: Sealing (77-DGP-6) (A) **D 98**

Brown, H. L. Simulation-Gaming in Energy Management Education **Mr 29**

Brown, J. Arctic Transportation: Operational and Environmental Evaluation of an Air Cushion Vehicle in Northern Alaska (76-Pet-41) (A) **Ja 102**

Brown, J. S. Large Seawater Supply Development for Water Injection (76-Pet-85) (A) **Ja 107**

Brown, K. L., Jr. Valve Wear, Statistically Speaking (77-DGP-8) (A) **D 98**

Brown, P. S., Jr. Intraregional Variation of Radiation Data and Applications for Solar Simulation (76-WA/Sol-9) (A) **F 131**

Brown, T. D. Coal-in-Oil: A Substitute Boiler Fuel (76-WA/Fu-2) (A) **Je 102**; Oil Conservation in Home Heating — (76-WA/Fu-8) (A) **Je 103**

Brownstein, A. M. *(author)* Trends in Petrochemical Technology: The Impact of the Energy Crisis (CB) **Je 118**

Bruning, S. F. Design and Simulation Studies for the Shenandoah Community Center Large-Scale Solar Cooling Demonstration (76-WA/Sol-15) (A) **Mr 103**

Bryers, R. W. An Examination of the Influence of Ash on the Combustion Characteristics of Anthracities (76-WA/CD-2) (A) **My 91**

Buban, E. E. Emergency Escape Breathing Apparatus for Ships (77-ENAs-58) (A) **N 101**

Bubble Generators
Bubble Generator (BTR) **F 58**

Bubble Motion
Experimental Study on Bubble Motion in Mercury With and Without Magnetic Field (76-WA/HT-65) (A) **Je 114**
Small Bubble Motion in an Accelerating Liquid (76-WA/APM-5) (A) **Je 109**

Bubble Nucleation
Experimental Study on Bubble Nucleation in the Oscillating Pressure Field (77-HT-22) (A) **O 102**

Bubbles
Homogeneous Nucleation of Bubbles at Negative Superheats (77-HT-58) (A) **O 106**
Interaction Between an Oscillating Bubble and a Free Surface (77-FE-6) (A) **S 99**

Buchberg, H. Performance Measurements of a Cylindrical Glass Honeycomb Solar Collector Compared with Predictions (76-WA/Sol-3) (A) **F 131**

Buchter, H. H. Accurate Design Analysis of Flange Joints (76-Pet-37) (A) **Ja 102**

Buckley, B. S. An Economic Analysis of Thermic Diode Solar Panels (76-WA/Sol-7) (A) **F 130**

Buckling
Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) (A) **S 96**
The Effect of Principal Bending Curvature on the Lateral Buckling of Uniform Slender Beams (77-APM-22) (A) **S 96**
Nonlinear Buckling of Tubular Columns (77-PVP-55) (A) **D 105**

Buckling Loads
Branching Analysis at Coincident Buckling Loads of Non-conservative Elastic Systems (77-APM-30) (A) **S 98**

Buckus, R. O. A Model for Flame Propagation in Coal Dust-Air Mixtures (77-HT-18) (A) **O 102**

Budden, M. J. Prediction of the CRBRP Outlet Plenum Transient Response Following a Reactor Trip (77-HT-30) (A) **O 103**

Budininkas, P. Removal of Ammonia from Urine Vapor by a Dual-Catalyst System (77-ENAs-48) (A) **N 100**

Buehring, W. R. Installation of Deep Offshore Pipelines (1000-m Depth) by Bottom Pull Method (76-Pet-80) (A) **Ja 107**

Building Design
Solar Energy: Fundamentals in Building Design (CB) **S 102**

Building Models
External Convection Heat Transfer Coefficients on a Building Model (76-WA/FE-30) (A) **F 137**

Building Projects
Encyclopedia of Energy-Efficient Building Design: 391 Practical Case Studies (CB) **0 112**

Building Structures
High-Rise Building Structures (CB) **Je 118**

Building Systems
Engineering Manual: A Practical Reference of Design Methods and Data in Building Systems, Chemical, Civil, Electrical, Mechanical, and Environmental Engineering and Energy Conversion (CB) **Mr 108**

Buildings
Collaborative Utilization of Computing Techniques to Achieve Energy-Effective Design of Buildings (76-WA/HT-23) (A) **My 100**

Bukowski, J. M. Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) (A) **Mr 99**

Bulanov, N. Superheated Liquids: Thermophysical Properties, Homogeneous Nucleation and Explosive Boiling-Up (77-HT-87) (A) **N 105**

Bulge Tests
Assessment of Deep-Drawability and Stretchability by Bulge Test of Concentrically Grooved Metal Disks (76-WA/Prod-14) (A) **JI 98**

Bulk Commodity Transport
Progress in Railway Mechanical Engineering (1975–1976 Report of Survey Committee) Cars and Equipment (76-WA/RT-12) (A) **Mr 95**

Bultzo, C. Experiences with a Minicomputer-Based Machinery Monitoring System (76-Pet-11) (A) **Ja 99**

Buonicore, A. J. *(author)* Industrial Air Pollution Control Equipment for Particulates (CB) **Ag 113**

Buoyancy
The Numerical Calculation of Buoyancy Driven Boundary Layers (76-WA/HT-53) (A) **Je 113**

Buoyant Jets
An Analysis of Deep Submerged Multiple-Port Buoyant Discharges (76-WA/HT-19) (A) **My 100**
Measurement of Byoyant Jet Entrainment from Single and Multiple Sources (77-HT-43) (A) **O 104**

Burcham, F. W. Jr. Static and Flyover Noise Measurements of an Inverted Profile Exhaust Jet (77-GT-81) (A) **Ag 103**

Bureaucratic Inefficiency
Skirting the Peter Principle (BTR) **My 53**

Bureaucratic Process
Finding the Real Problem (C) **JI 51**

Burford, D. L. The Analysis of Finned Catalytic Heat Exchangers (77-HT-67) (A) **N 102**

Burgett, A. Safety Regulation—A Part of the Design Process (77-RC-17) (A) **Ag 109**

Burket, J. V. Case for the Small Car (C) **S 46**

Burleson, W. G. Aerothermal and Rain Erosion Behavior of Selected Candidate Plastic Radome Materials in Mach 5 Sled Tests (77-ENAs-16) (A) **N 96**

Burners
Superturbulent Combustion Noise (76-WA/Fu-1) (A) **Je 102**

Burst Rod Adaptors
Fast Burst Reactor Burst Rod Adaptor Failure Analysis (76-WA/Mat-7) (A) **Mr 99**
Burst Pressures
Determination of Burst Pressures for Cracked Steam Generator Tubes (77-PVP-31) (A) **D 102**
Burton, R. A. A Theoretical Study of the Effects of Cooling on Thermoelastic Contact Instabilities (76-Lub-14) (A) **F 141**; Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) (A) **F 139**
Burton, R. C. The Effects of Free-Stream Turbulence Intensity and Velocity Distribution on Heat Transfer to Curved Surfaces (77-GT-48) (A) **Ag 98**
Bury, K. V. The Reliability of Probabilistic Mechanical Design (76-WA/DE-7) (A) **Mr 104**
Buschman, H. W. EBR-II Ten Years Later **Ja 33**
Business Information Sources
Encyclopedia of Business Information Sources (CB) **My 103**
Business Jet Fleet
Noise Reduction Potential for the Existing Business Jet Flow (77-GT-76) (A) **Ag 102**
Buske, N. L. Nonlinear Expanders for Diesel-Cycle Application—Part IV: Sealing (77-DGP-6) (A) **D 98**
Butler, R. G. Using Digital Control for Utility Boiler Soot-blower Systems (76-JPGC-Pwr-8) (A) **Ja 109**
Buttress Threaded Casing Connections
Nonlinear Finite Element Analysis of Buttress Threaded Casing Connections (76-Pet-82) (A) **Ja 108**
Buxmann, J. Steam and Closed Gas Turbine Cycle (77-GT-24) (A) **Jl 94**
Buxton, O. E. Influence of Cone Design Upon Liquid Engrainment Separation for a Steam Cyclone Separator (76-WA/Pwr-6) (A) **F 133**
Buzek, J. R. Stresses in Floating Roofs (76-Pet-74) (A) **Ja 106**
Byler, B. W. No Worse Force Choice (C) **My 49**
Byrne, R. Establishing Working Procedures for the Selection of Railroad Freight Car Trucks (76-WA/RT-8) (A) **Mr 94**; Performance Characteristics of Freight-Car Trucks Determined Through Road Testing (76-WA/RT-4) (A) **Mr 94**

C

Cabin-Air Conditioning Systems
A Comparison ECS Controls (77-ENAs-8) (A) **O 108**
Cable Hockling
The Application of Greenhill's Formula to Cable Hockling (76-WA/APM-31) (A) **Jl 104**
Cable Kinking
Cable Kinking Analysis and Prevention (76-WA/DE-4) (A) **Mr 104**
Cable Structures
Scale Modeling of Large Elastic Undersea Cable Structures (76-WA/OcE-8) (A) **My 95**
Cable Television
Optical Waveguides for TV (IF) **F 68**
Cable Tray Systems
Seismic Qualification of Cable Tray Systems (77-PVP-6) (A) **N 106**
Cain, R. W. A MHD Simulation Test Facility for Investigating the Thermal Properties of a Slag/Seed Coated Radiant Boiler and Superheater for a 2000-MWt MHD Power Plant (77-HT-64) (A) **N 101**
Calcium
New Line of Low-Sulfur Steels (BTR) **O 60**
Calcium Superoxide
The Preparation of Calcium Superoxide at Subambient Temperatures and Pressures (77-ENAs-55) (A) **N 100**
Calculators
Programmable Calculators Feature Solid-State Software (BTR) **O 66**
Caldwell, J. B. An Articulated Multiline Production Riser for Deepwater Application (76-Pet-44) (A) **Ja 103**; Design, Fabrication, and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) (A) **Ja 103**; A Method for Analysis of a Prototype Articulated Multiline Marine Production Riser System (76-Pet-46) (A) **Ja 103**
Calhoun, L. D. Fabrication and Comparative Performance of Three Variable Conductance Heat Pipe Concepts (77-ENAs-42) (A) **N 99**
Calibration
Dynamic Calibration of the "Pogo" Pressure Transducer (BTR) **Je 54**
Callegaro, P. An Investigation of the Physical Properties of Fly-Ash Influencing the Performance of Electrostatic Precipitators (76-WA/APC-4) (A) **Ap 103**
Callinan, J. P. The Analysis of Finned Catalytic Heat Exchangers (77-HT-67) (A) **N 102**; Heat Transfer in Soils with Freezing and Melting of Moisture (76-Wa/HT-22) (A) **My 100**
Calorimetric-Bomb Technique
The Energy Release to Static Gas from a 12-Joule High Energy Ignition System (77-GT-18) (A) **Jl 93**
Cam-Follower Systems
Jump Phenomena in Cam-Follower Systems a Continuous-Mass-Model Approach (76-WA/DE-26) (A) **Mr 105**
Campbell, L. Agriculture, Food Production, and Technological Change: A Dynamic System Approach (76-WA/TS-3) (A) **My 88**
Campo, A. Laminar Heat Transfer in Ducts with Viscous Dissipation and Convective Radiative Exchange at the Walls (76-WA/HT-59) (A) **Je 114**
Canadian East Coast Exploration
Icebergs and Canadian East Coast Exploration (76-Pet-103) (A) **F 139**
Canalizo, G. The Gas Pump (76-Pet-101) (A) **F 139**
Canaras, T. Modular Heat Pipe Radiator (77-ENAs-39) (A) **N 99**
Canavan, G. New High-Density Spent Fuel Rack Design (76-WA/NE-2) (A) **Ap 92**
Cancer Therapy
Cell Division Control: Process May Aid Cancer Therapy (BTR) **O 59**
Cantilever Beams
Design Considerations in Force-Deflection Relations of Cantilever Beams (77-DE-50) (A) **S 94**
Optimal Cantilever Dynamic Vibration Absorbers (76-WA/DE-17) (A) **Mr 105**
Cantilever Plates
Fixed Edge Bending Moments of Thin Rectangular Cantilever Plates Due to Line Loading (77-DET-119) (A) **D 102**
Cantrell, C. J., Jr. Waste Energy Conservation Techniques (76-Pet-21) (A) **Ja 100**
Capillaries
Fluidic Thermistors of Fluidic Temperature Sensing With Capillaries (76-WA/TM-1) (A) **Je 104**
Capillary Ducts
Fluid Flow and Convective Heat Transfer in Square Capillary Ducts Subjected to Nonuniform High Heat Flux (76-WA/HT-29) (A) **My 101**
Capital-Labor Ratio
The Use of Capital-Labor Ratio in the Design of Large-Scale Systems (77-DE-38) (A) **S 92**
Capstan Rotor
Analysis of Torsional Vibration in a High Bandwidth Angular Position Servo (76-WA/Aut-9) (A) **My 93**
Capsule Pipeline
Design of a Capsule Pipeline (76-Pet-34) (A) **Ja 102**
Car Cavities
Acoustic Characteristics of a Car Cavity and Estimation of Interior Sound Field Produced by Vibrating Panel (76-WA/DE-1) (A) **Mr 104**
Car Design
"1200 Miles per Tank," Predicts Car Designers (EN) **Mr 77**
Car Weight Reduction
Smaller Cars: A Weighty Dilemma (BTR) **My 56**
Carbon Dioxide
CO_2 and Humidity Removal System for Extended Shuttle Missions: CO_2, H_2O, and Trace Contaminant Equilibrium Testing (77-ENAs-4) (A) **O 108**
Development of a Three-Man Preprototype CO2 Collection Subsystem for Spacecraft Application (77-ENAs-19) (A) **N 96**
KO_2 Reactions with CO_2 and H_2O in Air (77-ENAs-12) (A) **O 108**
The Twin Swords of Damocles (ES) **O 27**
Carbon Dioxide Absorption
Carbon Dioxide Absorption in Packed Beds of Alkaline Carbonate Materials (77-ENAs-17) (A) **O 109**
Carbon Dioxide Concentration
Comparison of Electrochemical Carbon Dioxide Concentration Methods Using Different Electrolytes (77-ENAs-3) (A) **O 108**
Carbon Monoxide
Energy from Carbon Monoxide (ES) **Ag 19**
Investigation of Low-Temperature Carbon Monoxide Oxidation Catalysts (77-ENAs-28) (A) **N 98**
Prediction of Instantaneous Temperature Using Spectroscopic Method (76-WA/TM-3) (A) **Je 104**
Carbon Steel Forgings
An Evaluation of the Material Capabilities of Low Carbon 2¼ Cr-1Mo Steel Forgings (76-Pet-40) (A) **Ja 102**
Carbon Steels
Tool Wear in the Peripheral Milling of a Low Carbon Steel (76-WA/Prod-35) (A) **Jl 100**
Carburization Failure
Carburization Failure of Type 304 Stainless Tubes in LNG Service (76-Pet-76) (A) **Ja 107**
Card, W. H. Generalized Weather Functions for Computer Analysis of a Solar-Assisted HVAC Systems (76-WA/Sol-20) (A) **Mr 103**; Thermal Simulation of a Building with Solar Assisted Closed Liquid Loop Unitary Heat Pumps (76-Wa/Sol-23) (A) **Mr 103**
Cardiac Catheterization
Estimation of Systemic Arterial Impedance in Man from Cardiac Catheterization Data (76-WA/Bio-6) (A) **Jl 102**
Career Education
Exploring Engineering (EN) **Je 79**
Career Paths
New Career Paths in Engineering: Applications of Solar Energy **O 50**
New Career Paths in Engineering—Materials: The Stuff of Which Things Are Made **Ag 38**
New Career Paths in Engineering: Ocean Energy **Jl 46**; **S 42**
Career Weekends
Job Hunting Made Easy (NR) **Ag 64**
Cargo Complex
The Red Baron — Again! (IF) **Ag 58**
Carmichael, C. No Ill Effects (c) **O 56**
Carnahan, R. P. Renovation of Waste Shower Water by Membrane Filtration (77-ENAs-60) (A) **N 101**
Carpenter, A. B. A Compressor Manufacturer Looks at Pulse Dampeners (76-Pet-14) (A) **Ja 99**
Carr, J. A. Outlet Plenum Flow Stratification Studies for the Clinch River Breeder Reactor Plant (76-WA/HT-84) (A) **Je 117**
Carrasquel, S. Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) (A) **F 135**
Carriere, D. L. Variable Power Turbine Nozzle System Mechanical Development (77-GT-105) (A) **Ag 105**
Carroll, J. M. Correction of S-Type Pitot-Static Tube Coefficients When Used for Isokinetic Sampling From Stationary Sources (76-WA/GT-6) (A) **Mr 97**
Carruthers, W. D. Experimental Analysis of a Hybrid Ceramic-Wrought Superalloy Turbine Rotor (77-GT-7) (A) **Jl 93**
Carstens, M. R. Design of a Capsule Pipeline (76-Pet-34) (A) **Ja 102**
Carta, F. O. Experimentally Determined Stability Parameters of a Subsonic Cascade Oscillating Near Stall (77-GT-47) (A) **Ag 98**
Carter, A. P. *(editor)* Energy and the Environment: A Structural Analysis (CB) **Ap 108**
Carter, H. R. Functional Performance of a Two-Tube Helically-Coiled Once-Through Steam Generator (76-WA/HT-69) (A) **Je 115**
Carter's Nuclear Policy
Industry Reactions to Carter's Nuclear Policy (ES) **Je 24**
Cartesian Grid System
Inverse Computation of Profile Shapes for Given Transonic Flow-Configuration With and Without Detached Bow-Shocks in Two-Dimensional Turbomachinery Cacades (77-GT-33) (A) **Ag 97**
Caruso, P. S., Jr. Experimental Evaluation of a Stationary Spherical Reflector Tracking Absorber Solar Energy Collector (76-WA/HT-10) (A) **My 98**
Cascade Blades
Refinement of the Mean Streamline Method of Blade Section Design (76-WA/FE-11) (A) **F 135**
Cascades
The Effect of a Transversely Injected Stream on the Flow Through Turbine Cascades: Part 1—Flow Effects (77-GT-87) (A) **Ag 103**; Part 2—Performance Changes (77-GT-88) (A) **Ag 103**
Experimental Investigations of Supersonic Cascades Designed for High Static Pressure Ratios (77-GT-37) (A) **Ag 97**
Experimentally Determined Stability Parameters of a Subsonic Cascade Oscillating Near Stall (77-GT-47) (A) **Ag 98**

Further Developments in the Aerodynamic Analysis of Unsteady Supersonic Cascades Part 1: The Unsteady Pressure Field (77-GT-44) (A) **Ag 98**; Part 2: Aerodynamic Response Predictions (77-GT-45) (A) **Ag 98**

Torsional Flutter in Stalled Cascade (77-GT-72) (A) **Ag 101**

Vibratory Forcing Functions Produced by Nonuniform Cascades(77-GT-57) (A) **Ag 99**

Casey, D. F. Sodium Heated Steam Generator Tube Wastage Due to Water/Steam to Sodium Leaks—Theory and Correlation (76-WA/HT-77) (A) **Je 116**

Casing Connections

Nonlinear Finite Element Analysis of Buttress Threaded Casing Connections (76-Pet-82) (A) **Ja 108**

Casing Vibrations

Reducing Casing Vibrations on Large Vertical Circulating Water Pumps (77-FE-28) (A) **O 110**

Casing Wear

An Experimental Evaluation of Drill Pipe Protectors (76-Pet-47) (A) **Ja 103**

Minimizing Casing Wear in Dog Legs (76-Pet-56) (A) **Ja 104**

Wear Protection for Casing and Tool Joints (76-Pet-88) (A) **Ja 108**

Caspi, S. Free Convection of Supercritical Helium-1 in Vertical Insulated Ducts Carrying Axial Heat Flow (77-HT-8) (A) **O 101**; Free Convection at Supercritical Pressures in Cryo-Fluid Helium-1 (76-WA/PID-14) (A) **Je 108**; He II-He I Two-Phrase Convection in Cryo-Fluid He Above the Critical Pressure (76-WA/HT-58) (A) **Je 113**

Castable Refractories

Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) (A) **Mr 99**

Castelli, V. Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (76-Lub-32) (A) **F 143**

Casterline, J. E. Effect of Rod Bowing on CHF in PWR Fuel Assemblies (77-HT-91) (A) **N 105**

Castle, J. Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) (A) **Je 115**

Catalytic Combustors

Catalytic Combustion Modeling: Comparisons With Experimental Data (77-GT-85) (A) **Ag 104**

Development of a Hybrid Catalytic Combustor (77-GT-84) (A) **Ag 103**

Emissions and Performance of Catalysts for Gas Turbine Catalytic Combustors (77-GT-65) (A) **Ag 100**

Catalytic Heat Exchangers

The Analysis of Finned Catalytic Heat Exchangers (77-HT-67) (A) **N 102**

Catalytic Oxidation

Catalytic Oxidation of Strong Waste Waters (77-ENAs-1) (A) **O 108**

Catenary-Type Idler

Unique Catenary-Type Idler (BTR) **My 52**

Caterpillar Transmission

Caterpillar Heavy-Duty 1300 hp Deep-Ratio Marine Transmission (77-DGP-2) (A) **D 98**

Catheron, A. R. Elections to Fellow Grade **F 128**

Cato, G. A. Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) (A) **Je 103**

Caton, J. A. Heterogeneous Catalysis of Lean Ethylene/Air Mixtures by Platinum Coated Wire Screens (76-WA/GT-2) (A) **Mr 96**

Catton, I. Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) (A) **Je 115**

Catz, J. Hazard Description of Power Lawnmowers (77-DE-12) (A) **S 89**

Cauley, S. P. Utilization of Petroleum Crude Oils as Boiler and Combustion Turbine Fuels (76-JPGC-Fu-2) (A) **Ja 111**

Caustics

Experimental Solution of Flexed Plates by the Method of Caustics (77-APM-12) (A) **S 96**

Caveny, L. H. Aerothermochemistry of Metal Erosion by Hot Reactive Gases (77-HT-12) (A) **O 101**

Cavities

Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) (A) **S 97**

Flow Through Porous Media From a Nuclear Cavity (77-FE-23) (A) **O 110**

Numerical Study of Transient and Steady Induced Symmetric Flows in Rectangular Cavities (77-FE-17) (A) **O 110**

Prediction of Oscillation Frequencies for Unstable Flow Past Cavities (76-WA/FE-17) (A) **F 135**

Cazzolari, C. The Shaping of American Engineers' Consciousness of Women's Issues (76-WA/TS-6) (A) **My 88**

Cell Division Control

Cell Division Control: Process May Aid Cancer Therapy (BTR) **O 59**

Cellular Plastic Pipes

Cellular Plastic Pipe and its Blowing Agent (BTR) **My 54**

Cement Plants

Gas-Turbine Total Energy System for a Cement Plant (77-GT-22) (A) **Jl 94**

Centimeter-Gram-Second System (CGS)

Stress on CGS (C) **Ag 43**

Centrifugal Compressor Rotors

A Flow Model for Centrifugal Compressor Rotors (77-GT-62) (A) **Ag 100**

Centrifugal Compressors

Design and Performance of Selected Pipe-Type Diffusers (77-GT-104) (A) **Ag 105**

Development of the Centrifugal Compressor for the Nissan Vehicular Gas Turbine (77-GT-100) (A) **Ag 105**

Fluid Dynamic Excitation of Centrifugal Compressor Rotor Vibrations (77-FE-22) (A) **O 110**

A Method of Calculating the Slip Factor of Centrifugal Compressors from Deviation Angle (77-GT-64) (A) **Ag 101**

Centrifugal Forces

Effect of Centrifugal Forces on Lateral Deflection and Fundamental Frequency of Turbine Blade (77-Pet-12) (A) **D 106**

Centrifugal Oxygen Compressors

Design Characteristics of Large High Pressure Centrifugal Oxygen Compressor Installations (76-WA/PID-23) (A) **Je 108**

Centrifugal Pump Casings

Construction and Preliminary Test of Fiber-Reinforced-Concrete Pump Casing (76-WA/PVP-11) (A) **Mr 101**

Centrifugal Pump Impellers

Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) (A) **S 99**

Centrifugal Pumps

Influence of Volute Surface Roughness on the Performance of a Centrifugal Pump (77-FE-8) (A) **S 100**

A Method for Correlating the Characteristics of Centrifugal Pumps in Two-Phase Flow (76-WA/FE-29) (A) **F 137**

Quasi-Two-Dimensional Analysis of a Flow Through a Centrifugal Pump Impeller (77-FE-29) (A) **O 110**

Water Jet-Centrifugal Pump Combination for Large Steam Power Plant Condensate System (76-JPGC-Pwr-2) (A) **Ja 109**

Ceramic-Based Gas Turbines

High-Performance Ceramic-Based Vehicular Gas Turbines **Mr 35**

Ceramic Components

Experimental Analysis of a Hybrid Ceramic-Wrought Superalloy Turbine Rotor (77-GT-7) (A) **Jl 93**

Ceramic Heat Regenerators

Fracture Strength and Thermal Shock Resistance of Thick- And Thin-Wall Magnesium-Aluminum-Silicate Ceramic Heat Regenerators (77-GT-98) (A) **Ag 105**

Ceramic Regenerator Cores

Aluminous-Keatite—An Improved Rotary Ceramic Regenerator Core Material (77-GT-60) (A) **Ag 100**

Ceramic Regenerators

The Effect of Fin Geometry and Manufacturing Process on Ceramic Regenerator Thermodynamic Performance (77-GT-61) (A) **Ag 100**

Fabrication of Rectangular Cell Ceramic Regenerators for Use in Gas Turbine Engines (77-GT-111) (A) **Ag 106**

Reliability and Durability of Ceramic Regenerators in a Gas Turbine (77-GT-59) (A) **Ag 100**

Ceramic Structures

Design Methodology for Ceramic Structures (77-GT-40) (A) **Ag 97**

Ceramic Tooth Roots

Implantable Ceramic-Root Teeth (BTR) **Ag 51**

Ceramics

Probabilistic Aspects of Designing with Ceramics (77-GT-41) (A) **Ag 97**

Progress on Ceramic Rotor Blade Development for Industrial Gas Turbines (77-GT-42) (A) **Ag 98**

Cerkanowicz, A. E. Catalytic Combustion Modeling: Comparisons With Experimental Data (77-GT-85) (A) **Ag 104**

Cess, R. D. *(recipient)* Heat Transfer Memorial Award **D CR-13**

Chacour, S. "IRIS," A Computerized High Head Pump Turbine Design System (76-WA/FE-12) (A) **F 135**

Chaboseau, J. Description, Output and Development Prospects of a 750°C Helium Direct Cycle Nuclear Power Plant with a Single Turbomachine and Intermediate Cooling (77-GT-2) (A) **Jl 92**

Chahine, G. L. Interaction Between an Oscillating Bubble and a Free Surface (77-FE-6) (A) **S 99**

Chai, H. C. A Parametric Study of a Heat Exchanger Designed for Geothermal Power Plant Application (77-HT-1) (A) **O 100**

Chamber Pumps

The Chamber Pump and its Application to Hot Wells (76-Pet-91) (A) **Ja 108**

Chan, S. H. A General Formulation and Analytical Solutions for Multi-Dimensional Radiative Transfer in Non-gray Gases (77-HT-51) (A) **O 106**

Chan, T.-C. A Method for Correlating the Characteristics of Centrifugal Pumps in Two-Phase Flow (76-WA/FE-29) (A) **F 137**

Chan, T. Y. Analysis of Concrete Cylindrical Hulls Under Hydrostatic Pressure (77-PVP-42) (A) **D 104**

Chandrasekaran, H. Influence of Flank Wear on the Stresses in a Cutting Tool (76-WA/Prod-30) (A) **Jl 100**

Chang, E. C. Structural Reliability Assurance of an LMFBR Reactor Vessel (76-WA/Saf-2) (A) **Ap 95**

Chang, E. H. Development of a Simulation Methodology for Optimizing Locomotive Suspension Systems (77-RT-6) (A) **Ag 107**

Chang, H. Y. Analytical and Experimental Investigations on Induced Fracturing of Reservoir Rock (76-Pet-8) (A) **Ja 99**

Chang, T. Y. Assessment of a Nonlinear Structural Analysis Finite Element Program (NONSAP) For Inelastic Analysis (77-PVP-10) (A) **N 106**

Channel Entrances

Deposition of Suspensions in the Entrance of a Channel (76-WA/Flcs-13) (A) **Ap 102**

Channel Flow

An Experimental Investigation of Incompressible Channel Flow Near Transition (77-FE-19) (A) **O 110**

Numerical Simulation of Particulate Motion in Turbulent Gas-Solid Channel Flow (76-WA/FE-37) (A) **F 138**

Channel Heat Transfer

Effects of Wall Electrical Conductance and Induced Magnetic Field on MHD Channel Heat Transfer with Developing Thermal and Velocity Fields (77-HT-63) (A) **O 107**

Channels

Dynamics of a Vaporizing Droplet in Laminar Entry Region of a Straight Channel (77-HT-40) (A) **O 104**

Entry Flow in Straight and Curved Channels With Slender Channel Approximations (77-FE-2) (A) **S 99**

A Minimum Drag Criterion for Prisms Mounted Eccentrically in a Channel (77-FE-9) (A) **S 100**

Chao, E. Mechanical Analysis of Polycentric Tibial Track Loosening (77-Bio-7) (A) **S 99**

Chao, E. Y. Graphical Interpretation of the Solution to the Redundant Problem in Biomechanics (77-Bio-1) (A) **S 98**; Stress Analysis of the Geometric Knee Under Static Loading (77-Bio-6) (A) **S 99**

Chapman, S. Chlorofluorocarbons and the New York State Legislature (76-WA/TS-13) (A) **My 90**

Chatas, A. T. The Estimation of Aquifer Properties from Reservoir Performance in Water-Drive Fields (76-Pet-49) (A) **Ja 103**

Chato, J. C. Flow and Heat Transfer in Convectively Cooled Underground Electric Cable Systems: Temperature Distributions and Heat Transfer Correlation (76-WA/HT-42) (A) **Je 112**; Flow and Heat Transfer in Convectively Cooled Underground Electric Cable Systems: Velocity Distributions and Pressure Drop Correlations (76-WA/HT-45) (A) **Je 112**

Chatterjee, N. Spontaneous Stratification in LNG Tanks Containing Nitrogen (76-WA/PID-6) (A) **Je 106**

Cheatham, J. B., Jr. Deviation Forces Arising from Single Bit Tooth Indentation of Anistropic Porous Media (76-Pet-52) (A) **Ja 104**; Elections to Fellow Grade **Mr 93**

Check Valves
Flow-Induced Vibrations of a Hydraulic Valve and Their Elimination (77-FE-24) (A) **S 101**
Cheilas, N. Acoustic Characteristics of a Car Cavity and Estimation of Interior Sound Field Produced by Vibrating Panel (76-WA/DE-1) (A) **Mr 104**
Chemical Analysis Sensitivity
Observation of Single Small Molecules (BTR) **Mr 58**
Chemical Cleaning
Chemical Cleaning of Coal (76-WA/APC-2) (A) **Ap 102**
Chemical Engineering
Engineering Manual: A Practical Reference of Design Methods and Data in Building Systems, Chemical, Civil, Electrical, Mechanical, and Environmental Engineering and Energy Conversion (CB) **Mr 108**
Chemical Fertilizers
Ozone Endangered by Chemical Fertilizers (BTR) **O 62**
Chemical Flocculation
Chemical Flocculation of Complex Oily Wastewaters (77-ENAs-38) (A) **N 99**
Chemical Transport
Transfer of Chemicals in Steam Power Systems (76-JPGC-Pwr-12) (A) **Ja 110**
Chemically Active Fluid Bed Process
Development of the Chemically Active Fluid Bed Process, A Status Report and Discussion (76-JPGC-Fu-4) (A) **Ja 111**
Chen F. Y. Optimization by Random Pertubation Method with Systematic Reducation of Search Region (77-DET-9) (A) **D 102**
Chen, K.-K. First Effects of Stokes Roughness on Hydrodynamic Lubrication (76-Lub-12) (A) **F 140**
Chen, R. Y. Deposition of Suspensions in the Entrance of a Channel (76-WA/Flcs-13) (A) **Ap 102**
Chen, S. S. Dynamics of Heat Exchanger Tube Banks (76-WA/FE-28) (A) **F 137**. Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) (A) **S 96**
Chen, T. L. C. Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) (A) **S 95**
Chen, T. S. Analysis of Mixed Convection Across a Horizontal Cylinder with Uniform Surface Heat Flux (77-HT-45) (A) **O 105**
Chen, W. F. Analysis of Concrete Cylindrical Hulls Under Hydrostatic Pressure (77-PVP-42) (A) **D 104**
Chen, Y. B. Validation of Turbulence Models for LMFBR Outlet Plenum Flows (77-HT-34) (A) **O 103**
Cheng, L. C. Transient Analysis of a Permeable Thermal Barrier System (77-DE-24) (A) **S 91**
Chenoweth, J. M. Computer Program as a Tool for Heat Exchanger Rating and Design (76-WA/HT-4) (A) **My 97**. Rating Shell-and-Tube Condensers by Stepwise Calculations (76-WA/HT-5) (A) **My 97**
Cheremisinoff, P. N. *(author)* Energy from Solid Wastes (CB) **F 144**. Industrial Noise Control Handbook (CB) **Jl 107**
Chern, J. M. Nonlinear Buckling of Tubular Columns (77-PVP-55) (A) **D 105**
Cheung, F. B. Diffusion of Heat in Concrete at Elevated Temperatures (76-WA/HT-79) (A) **Je 116**
Chi, J. DEPAF—A Computer Model for Design and Performance Analysis of Furnaces (77-HT-11) (A) **O 100**
Chicurel, E. Torque Converter Spherical Wheel (76-WA/DE-8) (A) **Ap 96**
Childs, D. Journal Bearing Impedance Descriptions of Rotordynamic Applications (76-Lub-24) (A) **F 142**
Childs, D. W. The Space Shuttle Main Engine High-Pressure Fuel Turbopump Rotordynamic Instability Problem (77-GT-49) (A) **Ag 99**
Chiou, J. P. Thermal Performance Deterioration in Crossflow Heat Exchanger Due to Longitudinal Heat Conduction in the Wall (76-WA/HT-8) (A) **My 98**
Chiu, P. K. Elasticity Solution of Deep Beam Under Settlement of Supports (76-WA/APM-23) (A) **Jl 104**
Chlorofluorocarbons
Chlorofluorocarbons and the New York State Legislature (76-WA/TS-13) (A) **My 90**
Cho, S. M. Heat Transfer in Tube Bundles of Heat Exchangers with Flow Baffles Induced Forced Mixing(76-WA/HT-73) (A) **Je 115**. Thermal-Hydraulic Design of a Supercritical, Once-Through Steam Generator for the Molten-Salt Breeder Reactor Plant (76-JPGC-NE-9) (A) **Je 113**
Chopped Fiber Systems
The Fatigue Behavior of Fiber-Reinforced Polymers and Advanced Composites (77-DE-41) (A) **S 92**
Choroid
The Elasticity of Sclera, Cornea, and Choroid, and its Implications on Scleral Rigidity and Accommodations (77-Bio-5) (A) **S 99**
Chou, H. L. Thermal-Hydraulic Design of a Supercritical, Once-Through Steam Generator for the Molten-Salt Breeder Reactor Plant (76-JPGC-NE-9) (A) **Ja 113**
Chou, T. W. Point Force Solution for an Infinite Transversely Isotropic Solid (76-WA/APM-18) (A) **Jl 103**
Chow, W. L. Viscid-Inviscid Inter-action of Incompressible Separated Flows (76-WA/APM-7) (A) **Je 110**
Chow, W. W. Snap Fit Design **Jl 35**. Snap Fit Design Concepts (76-WA/DE-3) (A) **Mr 104**
Chowdhury, A. K. Catalytic Oxidation of Strong Waste Waters (77-ENAs-1) (A) **O 108**
Chu, A. W. Heat Transfer in Tube Bundles of Heat Exchangers with Flow Baffles Induced Forced Mixing (76-WA/HT-73) (A) **Je 115**
Chu, C. L. Oscillatory Dryout Related Thermal Stresses in Clean Steam Generator Tubes (76-JPGC-NE-2) (A) **Ja 112**
Chu, E. N. Water Jet-Centrifugal Pump Combination for Large Steam Power Plant Condensate System (76-JPGC-Pwr-2) (A) **Ja 109**
Chuang, M. C. The Frost Formation on Parallel Plates at Very Low Temperature in a Humid Stream (76-WA/HT-60) (A) **Je 114**
Chulick, E. T. Radiochemical Evaluation of Babcock and Wilcox's Commercial Pressurized Water Reactor Fuel Performance (76-WA/NE-19) (A) **Ap 95**
Chung, B. T. F. Transient Heat Conduction in Finite Medium with Phase Change (76-WA/HT-3) (A) **My 97**
Chung, H. Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) (A) **S 96**
Chung, J. S. Hydrodynamic Forces in a Marine Riser: A Velocity-Potential Method (76-Pet-81) (A) **Ja 107**
Chunsiripong, T. Synthesis of R-S-S-R Mechanism for Coordinating Input-Output Displacements for Finitely and Infinitesimally Separated Positions (76-WA/DE-5) (A) **Mr 104**
Chuse, R. *(author)* Pressure Vessels: The ASME Code Simplified, Fifth Ed. (CB) **O 112**
CIMAC
Tokyo Gas Turbine and CIMAC Congress Forces on Worldwide Energy Problems (NR) **S 58**
Circuit Boards
On the Effect of the Circuit Boards' Thermal Conductivity in the Thermal Performance of a Circuit Package Employing a Dip Device (76-WA/HT-39) (A) **Je 111**
Circuit Breakers
The Circuit Breaker—A Practical Example in Engineering Optimization (77-DET-7) (A) **D 101**
Circular Antennas
Circular Antenna Signals Success (BTR) **F 61**
Circular Centered Orbits
Investigation of Squeeze Film Damper Forces Produced by Circular Centered Orbits (77-GT-30) (A) **Ag 96**
Circular Cylinders
Added Mass and Damping Forces on Circular Cylinders (76-Pet-3) (A) **Ja 98**
Dynamics of a Partially Full Cylinder Containing a Magnetic Liquid in a Magnetic Field (76-WA/APM-4) (A) **Je 109**
Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) (A) **F 135**
A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) (A) **F 135**
Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) (A) **S 96**
Vortex Excited Oscillations of Yawed Circular Cylinders (76-WA/FE-16) (A) **F 135**
On Wake-Induced Flutter of a Circular Cylinder in the Wake of Another (77-APM-28) (A) **S 97**
Circular Holes
Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) (A) **Mr 100**
Circular Penetrations
Three-Dimensional Evaluation of a Large Circular Disk with Circular Penetrations (76-WA/PVP-8) (A) **Mr 100**
Circular Plates
Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) (A) **Jl 98**
Circular Saw Blades
Dimensional Analysis and Scaling of the Aerodynamic Noise Produced by Idling Circular Saw Blades (76-WA/DE-11) (A) **Mr 104**
Circular Saws
A Review of Various Aspects of Design of Circular Saw for Efficient Energy Use (77-DE-47) (A) **S 94**
Circular Tubes
An Approximate Analysis of Laminar Dispersion in Circular Tubes (76-WA/APM-10) (A) **Je 110**
Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) (A) **O 101**
Circumferential Edge Cracks
Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) (A) **S 97**
Citron, S. J. A Simple Technique for the Minimum Mass Design of Continuous Structural Members (77-APM-27) (A) **S 97**
Citrus Fields
From Citrus Fields to Cooling Systems (ES) **My 22**
Civil Engineering
Appropriate Technologies in Civil Engineering Works in Developing Countries: An Exploratory Appraisal of the State of the Art (CB) **My 104**
Engineering Manual: A Practical Reference of Design Methods and Data in Building Systems, Chemical, Civil, Electrical, Mechanical, and Environmental Engineering and Energy Conversion (CB) **Mr 108**
Clamped Cracks
Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) (A) **S 98**
Clarke, J. S. *(recipient)* J. Hall Taylor Medal **D CR-12**
Cleaning Solutions
Radwaste Treatment Study for a Once-Through Steam Generator Cleaning Solution (76-WA/NE-6) (A) **Ap 92**
Cleats
Hydraulic Fracturing Thin Coal Seams in Preparation for In-Situ Gasification (76-Pet-98) (A) **F 139**
Climate Fluctuations
World Weather Warning (BTR) **Ja 62**
Clinch River Breeder Reactor
Analysis of Sodium/Water Reactions in a Steam Generator Loop of the Clinch River Breeder Reactor Plant (76-JPGC-NE-11) (A) **Ja 113**
CRBRP Outlet Plenum Behavior During Steady-State and Transient Conditions (77-HT-32) (A) **O 103**
Effect of System Variables on Departure from Nucleate Boiling in the Clinch River Breeder Reactor Plant Steam Generators (76-JPGC-NE-4) (A) **Ja 112**
Experimental Determination of Interior Subchannel Cross Flow and Axial Flow in a Model of the Clinch River Breeder Reactor Fuel Assembly Rod Bundle with Wire Wrap Spacers (76-WA/HT-83) (A) **Je 116**
Outlet Plenum Flow Stratification Studies for the Clinch River Breeder Reactor Plant (76-WA/HT-84) (A) **Je 117**
Prediction of the CRBRP Outlet Plenum Response Transient Following a Reactor Trip (77-HT-30) (a) **O 103**
Closed Basins
A Three-Dimensional Numerical Model for Closed Basins (76-WA/HT-21) (A) **My 100**
Closed Channels
Some Characteristics of High Waves in Closed Channels Approaching Kelvin-Helmholtz Instability (77-FE-15) (A) **O 110**
Closed-Cycle Diesel Engines
Closed-Cycle Hydrogen-Fueled Engine (BTR) **N 56**
Closed-Cycle Gas Turbines
Steam and Closed Gas Turbine Cycle (77-GT-24) (A) **Jl 94**
Closure Welds
Temperatures and Distortions Induced by Omega Seal Closure Welding (76-WA/PVP-20) (A) **Mr 102**
Clapis, A. Diagnosis in Operation of Bearing Misalignments in Turbogenerators (77-DET-14) (A) **D 102**
Clark, J. A. Elections to Fellow Grade **Jl 90**. Urea Transport Through Composite Polyallylamine Membranes (77-ENAs-5) (A) **O 108**
Clark, R. E. Testing of Prosthetic Heart Valves (76-WA/Bio-3) (A) **Jl 101**
Clason, W. E. *(compiler)* Elsevier's Telecommunication Dictionary (CB) **Ja 115**
Claus, W. D. Jr., Bioengineering Considerations in the Design of Protective Headgear (76-WA/Bio-8) (A) **Jl 102**
Clausen, C. W. Radiative and Convective Transfer for Real Gas Flow Through a Tube with Specified Wall Heat Flux (77-HT-13) (A) **O 101**
Clausen, W. E. Numerical Solution of a Deep Drawing

Problem (76-WA/Prod-3) (A) **Jl 96**

Clauser, H. R. *(author)* Materials Handbook (CB) **Ag 112**

Clay, J. P. Heat Transfer Through a Freezing or Melting Surface (76-WA/HT-55) (A) **Je 113**

Clayton, D. G. Of Moles and Math (C) **S 45**

Cleveland A. B., Jr. Automated Pipe Routing for Minimum Cost (77-PVP-46) (A) **D 104**

Cleveland, J. J. Fracture Strength and Thermal Shock Resistance of Thick- And Thin-Wall Magnesium-Aluminum-Silicate Ceramic Heat Regenerators (77-GT-98) (A) **Ag 105**

Close, S. A. Automated Pipe Routing for Minimum Cost (77-PVP-46) (A) **D 104**

Clough, A. F. Exploring Engineering (EN) **Je 79**

Coal

Chemical Cleaning of Coal (76-WA/APC-2) (A) **Ap 102**

Color the Prospects Rosy? (ES) **Ap 21**

Combustion of Pulverized Solvent-Refined Coal (76-WA/Fu-6) (A) **Je 102**

Corrosion and Deposits From Combustion of Solid Waste Part V: Firing of Refuse with High-Sulfur Coal (76-WA/CD-1) (A) **My 91**

An Environmental Curse (ES) **O 26**

Hydraulic Fracturing Thin Coal Seams in Preparation for In-Situ Gasification (76-Pet-98) (A) **F 139**

The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) (A) **Ja 104**

Perfecting Jigs and Froth (ES) **My 22**

Synthetic Fuels from Coal and Oil Shale (Technological and Economic Assessment) (76-Pet-22) (A) **Ja 101**

Synthetic Natural Gas (EN) **Ap 74**

Toward Clean Coal (BTR) **Ja 56**

The Twin Swords of Damocles (ES) **O 27**

The Year 2005: A Backward Look **N 83**

Coal Ash Viscosity

Empirical Correlation of Coal Ash Viscosity with Ash Chemical Composition (76-WA/Fu-3) (A) **Je 102**

Coal Cars

Progress in Rail Transportation **My 44**

Coal Consumption

697 Million Tons in 1977 (ES) **Mr 23**

Coal Conversion

The Game: Legislating Conversion to Coal (WW) **My 70**

Coal Conveying System

Pollution-Free Coal Conveying System (IF) **F 69**

Coal Dust-Air Mixtures

A Model for Flame Propagation in Coal Dust-Air Mixtures (77-HT-18) (A) **O 102**

Coal-Fired Boilers

Clean Energy Breakthrough (BTR) **D 63**

Coal Firing

Analysis of a New Concept for a High Temperature Direct Coal-Fired Falling Particle Air Pre-Heater for MHD Power Generation (77-HT-60) (A) **O 106**

Coal Flue Gas Treatment

A New Way to Clean Coal (ES) **Jl 22**

Coal Fly Ash

Fly Ash Conditioning to Improve Precipitator Efficiency with Low Sulfur Coals (76-WA/APC-8) (A) **Ap 104**

Coal Fuels

Gas Turbine Engineers Highlight New Fuels, Materials, Applications **My 74**

Coal Gas

Recent Tests of Industrial Gas Turbine Combustors Fueled with Simulated Low Heating Value Coal Gas (76-WA/GT-3) (A) **Mr 96**

Coal Gasification

Coal Gasification—Better Late Than Never (76-Pet-20) (A) **Ja 101**

Koppers-Totzek Gasification for Electric Power Generation (76-JPGC-Fu-1) (A) **Ja 111**

Low-Btu Coal Gasification Test Facility (BTR) **D 58**

On-Site Coal Gasification (BTR) **D 60**

What's Holding Up Coal Gasification? **Ag 32**

Coal-in-Oil

Coal-in-Oil: A Substitute Boiler Fuel (76-WA/Fu-2) (A) **Je 102**

Coal Mining

Design of a Hydraulic Longwall Coal Mining Machine (76-WA/DE-2) (A) **Mr 104**

Moving Coal at the Mine Mouth (ES) **O 27**

Coal Production

Coal Production: Good, but Not Good Enough (ES) **Ja 19**

Coal Pulverizers

Nonpareil Pulverizer (BTR) **N 62**

Coal Transport

A Slow Boat (Train) to Market (ES) **Ap 20**

Coal Transportation

On the Right Track? (C) **Jl 49**

Coal Transshipment Terminal

Energy Terminal Wins Award (NB) **Je 76**

Coal Utilization

Assessment of Public Policy for Coal Utilization in Pennsylvania Electric Utilities (76-WA/TS-5) (A) **My 88**

Cross-Media Considerations in Regulatory Policy for Utilization Systems (77-Pet-4) (A) **N 108**

Coant, P. M. Development of Antiwear Cylinder Oil for High Output Crosshead Diesels (77-DGP-10) (A) **D 98**

Coast Guard

Coast Guard Adopts ASME Code (NR) **S 63**

Coated Abrasives

Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-WA/Prod-9) (A) **Jl 97**

Coaxial Cylinders

Free Vibration of Fluid-Coupled Coaxial Cylindrical Shells of Different Lengths (76-WA/APM-3) (A) **Je 109**

Cobalt

Mining Manganese Nodules from the Ocean Floor **Ag 20**

Coban, A. The Energy Release to Static Gas from a 12-Joule High Energy Ignition System (77-GT-18) (A) **Jl 93**

Cochran, R. P. A High-Pressure, High-Temperature Combustor and Turbine-Cooling Test Facility (76-WA/GT-4) (A) **Mr 96**

Coe, H. H. Performance of 75-Millimeter Bore Arched Outer-Race Ball Bearings (76-Lub-18) (A) **F 141**

Co-Generation Power Plants

The Benefits of Co-Generation (ES) **Jl 23**

Cohen, P. Post-Critical Heat Flux Fouling by System Corrosion Products in a Model Sodium Heated Steam Generator (76-WA/NE-12) (A) **Ap 94**

Cohn, A. Progress on Ceramic Rotor Blade Development for Industrial Gas Turbines (77-GT-42) (A) **Ag 98**

Coking Coal

Coking Coal: Scarce and Controlled (ES) **Jl 22**

Coking Coal Demand

Who Wants U.S. Coal? (ES) **Ja 19**

Cold Region Operations

U.S. Army Field Medical Equipment Developments for Cold Region Operations (77-ENAs-56) (A) **N 100**

Cole, R. B. Catalytic Combustion Modeling; Comparisons With Experimental Data (77-GT-85) (A) **Ag 104**

Coliform Bacteria Monitor

Remote Water-Monitoring System (BTR) **Je 61**

Collapse Rates

Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) (A) **My 100**

Collapse Tests

Collapse of Worn Casing (76-Pet-51) (A) **Ja 104**

Collapsing Bubbles

Interaction Between an Oscillating Bubble and a Free Surface (77-FE-6) (A) **S 99**

Collection Subsystem

Development of a Three-Man Prototype CO Collection Subsystem for Spacecraft Application (77-ENAs-19) (A) **N 96**

College Graduates

Graduates Grade Their Education (EN) **Mr 76**

College Placement Council

Engineering Offers Hit All-Time High (EN) **O 80**

Job Prospects Good But Competition Keen (EN) **F 76**

College Recruiters

Rising Job Market (EN) **D 74**

Collier, R. K. Analysis of a Flat Mirror Solar Concentrator (76-WA/HT-11) (A) **My 99**

Collins, G. F. Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (76-WA/APC-1) (A) **Ap 103**

Colloidal Solids

Removal of Suspended and Colloidal Solids from Waste Streams by the Use of Cross-Flow Microfiltration (77-ENAs-51) (A) **N 100**

Colton, J. D. Multiple Fracture of Beams Under Localized Impulsive Loading (77-APM-23) (A) **S 97**

Colombo, G. V. Removal of Contaminant Gases from an Electrolytic Urine Pretreatment Process (77-ENAs-61) (A) **N 101**

Comassar, S. The First Year's Operating Experience-GE LM2500 Gas Turbine in USS Spruance (DD-963) (77-GT-107) (A) **Ag 105**

Combined Cycle Generating Plants

An Approach to Measurement of Performance of a Combined Cycle Plant (76-JPGC-GT-6) (A) **Ja 111**

Combined Cycle Power Plants

Integrated Low-Btu Gasification, Combined Cycle Plant Interface and Power System Control Considerations (76-JPGC-GT-3) (A) **Ja 111**

Combs, L. P. Design Criteria for Reducing Pollutant Emissions and Fuel Consumption by Residential Oil-Fueled Combustors (76-WA/Fu-10) (A) **Je 103**

Combustible Gas Detectors

Development of an In Situ Calibration Technique for Combustible Gas Detectors (77-ENAs-22) (A) **N 97**

Combustible Waste

Dumper-Incinerator-Boiler System (BTR) **Ag 54**

Combustion

Characteristics of Rheinisch Brown Coals with Respect to Their Combustion and Fouling Behavior in Thermal Power Stations (76-WA/CD-3) (A) **My 91**

Combustion of Pulverized Solvent-Refined Coal (76-WA/Fu-6) (A) **Je 102**

An Examination of the Influence of Ash on the Combustion Characteristics of Anthracites (76-WA/CD-2) (A) **My 91**

Numerical Solution of Solid Propellant Transient Combustion (77-HT-17) (A) **O 102**

Recent Practices in Handling the Products of Combustion from Venezuelan Residual Fuel Oil (76-JPGC-Pwr-9) (A) **Ja 110**

Combustion Engines

Parametric Design of a Rotary-Combustion Test Engine (76-WA/DE-25) (A) **Ap 96**

Combustion Gas Atmospheres

Erosion of 310 Stainless Steel at 975°C in Combustion Gas Atmospheres (76-WA/Mat-5) (A) **Mr 99**

Combustion Modification

Particulate Emissions From Residual Fuel Fired Boilers: Influence of Combustion Modification (76-WA/APC-3) (A) **Ap 103**

Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) (A) **Je 103**

Combustion Noise

Superturbulent Combustion Noise (76-WA/Fu-1) (A) **Je 102**

Combustion Product Distributions

Model Calculations of the Combustion Product Distributions in the Primary Zone of a Gas Turbine Combustor (76-WA/GT-7) (A) **Mr 97**

Combustion Turbine Fuels

Utilization of Petroleum Crude Oils as Boiler and Combustion Turbine Fuels (76-JPGC-Fu-2) (A) **Ja 111**

Combustor Exhaust Gases

Heat Transfer Coefficients Around Cylinders in Crossflow in Combustor Exhaust Gases (77-GT-9) (A) **Jl 93**

Combustor Technology

A High-Pressure, High-Temperature Combustor and Turbine-Cooling Test Facility (76-WA/GT-4) (A) **Mr 96**

Combustors

Account of Mainstream Turbulence for Predicting Film Cooling Effectiveness in Gas Turbine Combustors (77-HT-10) (A) **O 101**

Catalytic Combustion Modeling; Comparisons With Experimental Data (77-GT-85) (A) **Ag 104**

Design and Development of High-Pressure Combustor for Aero-Gas-Turbines (77-GT-96) (A) **Ag 105**

Development of a Hybrid Catalytic Combustor (77-GT-84) (A) **Ag 103**

Evaluation of a Premixed, Prevaporized Gas Turbine Combustor for No. 2 Distillate (77-GT-69) (A) **Ag 101**

High-Temperature Corrosion in Fluidzed Bed Combustors (76-WA/CD-4) (A) **My 91**

A Potential Low NOx Emission Combustor for Gas Turbines Using the Concept of Hybrid Combustion (77-GT-15) (A) **Ag 96**

Radical Overshoot Phenomena in Liquid Fueled Gas Turbine Combustors (77-GT-5) (A) **Jl 92**

Comford, W. J. Calculation of Two-Phase Dispersed Droplet-in-Vapor Flows Including Normal Shock Waves (76-WA/FE-31) (A) **F 137**

Commercial Buildings

Solar Heating and Cooling and Energy Conservation Potentials for Commercial Buildings (76-WA/Sol-17) (A) **F 132**

Thermal Simulation of a Building with Solar Assisted Closed Liquid Loop Unitary Heat Pumps (76-WA/Sol-23) (A) **Mr 103**

Commercial Fast Breeder Reactors
To Breed or Not To Breed? **F 32**
Commercial Innovations
Some Commercial Innovations from Technology Transfers of Federal Research and Development (76-WA/Aero-2) (A) **My 95**
Commerford, G. L. *(recipient)* Gas Turbine Award **Ja CR-7**
Common Stocks
An Investment Primer (PS) **F 81**
Communication Techniques
The People Side of Systems: The Human Aspects of Computer Systems (CB) **Ap 107**
Communications Satellite
Palapa Satellite (IF) **S 57**
Comninou, M. Contact Between Viscoelastic Bodies (76-WA/APM-19) (A) **Jl 103**; Elastic Interface Waves Involving Separation (77-APM-26) (A) **S 97**
Comparin, R. A. Deposition of Suspensions in the Entrance of a Channel (76-WA/Flcs-13) (A) **Ap 102**
Complex Design Problems
Structural Modeling Graphics: An Aid to Understanding Complex Design Problems (77-DET-6) (A) **D 101**
Complex Duct Flow
Heat Transfer in Complex Duct Flows (77-HT-95) (A) **N 105**
Complex Structures
Fatigue Life Prediction of Complex Structures (77-DE-46) (A) **S 93**
Primer on Transient Analysis of Complex Structures at Resonance (76-WA/DE-10) (A) **Mr 104**
Compliant-Mounted Bearings
Compliant-Mounted Bearings and Their Application (77-DE-18) (A) **S 90**
Compliant Shell Air Bearings
A Theoretical Analysis of a Compliant Shell Air Bearing (76-Lub-5) (A) **F 140**
Component Design
Material Failure and Component Design Under Cyclic Loading (77-DE-27) (A) **S 91**
Component Test and Integration Unit (CTIU)
Toward Clean Coal (BTR) **Ja 56**
Composite Materials
Analysis of Adhesively Bonded Joints Between Panels of Composite Materials (77-APM-1) (A) **S 94**
Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) (A) **S 95**
RPI Awarded Grant for Composite Materials (EN) **Mr 78**
Composite Polyallylamine Membranes
Urea Transport Through Composite Polyallylamine Membranes (77-ENAs-5) (A) **O 108**
Composite Superconductors
Transient Behavior of Normal Zones in One-Dimensional Composite Superconductors (77-HT-74) (A) **N 103**
Composites
Advanced Composites: Design Technology Transfer for Aerospace **Je 36**
Compound Parabolic Concentrators
Development of Compound Parabolic Concentrators for Solar Thermal Applications (76-WA/Sol-11) (A) **F 132**
Compressed Air
Turbo Machinery Systems for Compressed Air Energy Storage (76-JPGC-GT-1) (A) **Ja 111**
Compressible Flow
The Prediction of Pump Differential Pressure for Two Phase/Two Component Compressible Flow (76-WA/HT-75) (A) **Je 116**
Compressible Fluids
Vent Valve Reaction Force (77-PVP-52) (A) **D 105**
Compressible Lubricants
A Theoretical Analysis of a Compliant Shell Air Bearing (76-Lub-5) (A) **F 140**
Compression System Components
Flow Field Coupling Between Compression System Components in Asymmetric Flow (77-GT-17) (A) **Jl 94**
Compression Systems
Note on the Development Progress of Single and Two-Shaft Hot Gas Expander Compression Systems (76-Pet-17) (A) **Ja 100**
Compressor Piping
Analysis of Pressure Pulsation in Reciprocating Compressor Piping Systems by Analog and Digital Simulation (76-WA/DGP-3) (A) **Ap 100**
Compressor Rotor Vibrations
Fluid Dynamic Excitation of Centrifugal Compressor Rotor Vibrations (77-FE-22) (A) **O 110**
Compressors
Design and Performance of Selected Pipe-Type Diffusers (77-GT-104) (A) **Ag 105**
Development of the Centrifugal Compressor for the Nissan Vehicular Gas Turbine (77-GT-100) (A) **Ag 105**
Interaction of the Rotor Blade Shock Waves in Supersonic Compressors With Upstream Stator Vanes (77-GT-93) (A) **Ag 104**
Prediction of Compressor Performance in Rotating Stall (77-GT-10) (A) **Jl 93**
A Regenerative Compressor (76-WA/PID-22) (A) **Je 108**
Simulation of a Two Cylinder Compressor for Discharge Gas Pressure Oscillation Prediction (76-WA/FE-10) (A) **F 135**
A Technique for Rating Rotary Compressors (76-Pet-104) (A) **F 139**
Comprex Energy Exchangers
Performance and Sociability of Comprex Supercharged Diesel Engine (77-DGP-4) (A) **D 98**
Computational Methods
Computational Methods for the Prediction of Truck Performance in Curves (76-WA/RT-15) (A) **Mr 96**
Computational Models
Modeling Environmental Effects on Nozzle Spray Distribution (76-WA/FE-39) (A) **F 138**
Computational Procedures
A Comparison of Two Computational Procedures Applied to Turbomachinery Flows (77-FE-14) (A) **S 100**
Computer-Aided Design
Computer Aided Design of a Shell and Tube Heat Exchanger for Oil and Asphalt Heating (76-WA/HT-6) (A) **My 98**
Computer Aircraft Design
A Study of Commuter Aircraft Design (77-GT-36) (A) **Jl 95**
Computer Analysis
Generalized Weather Functions for Computer Analysis of a Solar-Assisted HVAC Systems (76-WA/Sol-20) (A) **Mr 103**
LINCAGES: **L**inkages **IN**teractive **C**omputer **A**nalysis and **G**raphically **E**nhanced **S**ynthesis Package (77-DET-5) (A) **D 101**
Computer-Based Design
Computer-Based Rational Design of Strain-Gage Load Cells (77-DE-40) (A) **S 92**
Computer-Controlled Irrigation
Crops by Computer (BTR) **Ap 58**
Computer Crimes
Computer Crime (EN) **N 76**
Computer Design
Computer Design and Analysis of Turbine-Generator Fans (76-WA/FE-9) (A) **F 135**
Computer Graphics
A Computer-Aided Design and Graphics Laboratory (CT) **O 88**
CPM Planning with Computer Graphics (CT) **My 72**
New Center Houses Large Computer Graphics System (EN) **D 75**
Computer Models
Graphical Output-Oriented Computer Model of a Railroad Freight Car With Conventional Trucks (77-RT-11) (A) **Ag 107**
Computer Packaging
Packaging a Computer by Site—A New Efficient Approach (77-DE-19) (A) **S 90**
Computer Programs
Comparisons of RELAP4 Predictions with Steady-State Two-Phase Critical Flow Data (76-WA/HT-51) (A) **Je 112**
Dynamic Analysis Environmental Control Systems the "EASY" Way (77-ENAs-6) (A) **O 108**
Engineering Design Time Savings (BTR) **Je 54**
PACC—A Computer Program for ASME Section III Categorization of Finite Element Stresses (77-PVP-17) (A) **N 106**
POP-FSH—A Postprocessor for ASME Code Case 1592 Limits (76-WA/PVP-17) (A) **Mr 102**
State-of-the-Art Computer Software Piping Analysis According to Section III of ASME B&PB Code (76-WA/PVP-18) (A) **Mr 102**
Computer Robot Controls
Computer Robot Controls (CT) **Mr 82**
Computer Simulation
Computer Simulation of Atmospheric Effects of Waste Heat Rejected From Conceptual Large Power Parks (76-WA/HT-20) (A) **My 100**
A Mathematical Simulation of the Curve Entry and Curve Negotiation Dynamics of Flexible Two Axle Railway Trucks (76-WA/RT-14) (A) **Mr 96**
A Real-Time Analogue Computer Simulation of a Turbocharged Diesel Engine (76-WA/DGP-1) (A) **Ap 100**
Computer Simulation Models
A Computer Simulation Model for Determining Fleet Size and Composition (76-WA/Mgt-1) (A) **Je 104**
Computer Systems
The People Side of Systems: The Human Aspects of Computer Systems (CB) **Ap 107**
Computer Technology
New Career Paths in Engineering: Applications of Solar Energy **O 50**
New Career Paths in Engineering—Geothermal Energy **N 50**
New Career Paths in Engineering: Ocean Engineering **S 42**
New Career Paths in Engineering—Preparing for an Engineering Career **Ap 48**
New Career Paths in Engineering—Materials: The Stuff of Which Things Are Made **Ag 38**
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**
The Computer Wave (CT) **Jl 76**
Public Policy Issues and the Application of Computer Technology (76-WA/TS-7) (A) **My 88**
The Quiet Revolution (CT) **Ap 78**
Computerization
Large-Scale Computerization and Project Control Systems in the Design and Construction of Nuclear Power Plants (76-WA/Mgt-9) (A) **Je 105**
Computerized Cars
Computerized Cars (ES) **Ja 19**
Computerized Control
Computer Support for Job-Shop Work Control (76-WA/Mgt-7) (A) **Je 105**
Computerized Data Base System
The ABC's Required for Establishing a Practical Computerized Plant Engineering Management Data Base System (76-WA/PEM-1) (A) **My 93**
Computerized Design Systems
"IRIS," A Computerized High Head Pump Turbine Design System (76-WA/FE-12) (A) **F 135**
Computerized Engine Testing
Computerized Engine Testing—A Better Way **F 42**
Computers
Assessing Telecommunications (NB) **S 65**
The Computer—A Tool for All Reasons **F 50**
Computer-Optimized Undersea Harvest (BTR) **S 50**
Computer Program as a Tool for Heat Exchanger Rating and Design (76-WA/HT-4) (A) **My 97**
Computers in Manufacturing (CB) **O 113**
Desktop Computers—A New Generation (BTR) **D 59**
An On-Line Computer Application in Maintenance—(76-WA/Mgt-10) (A) **Je 105**
On-Line Graphics Pays Off as Input Data Chicker (CT) **Ag 74**
Managing Computers (CT) **Ja 80**
16-Megabyte Memory (BTR) **Ja 62**
The Mismanaged Computer (CT) **S 72**
New Career Paths in Engineering: The Computer—The Engineer's Tool **My 46**
Railroads in the Electronics Age (NR) **Je 71**
For Valid Data Input and Analysis (CT) **Je 84**
Versatile Desktop Computer (BTR) **Je 59**
Computing Techniques
Collaborative Utilization of Computing Techniques to Achieve Energy-Effective Design of Buildings (76-WA/HT-23) (A) **My 100**
Concave Curved Walls
The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) (A) **S 94**
"Concentration-Difference Energy" Engine
Regenerative Steam Engine (BTR) **Ag 46**
Concentration Grooves
Assessment of Deep-Drawability and Stretchability by Bulge Test on Concentrically Grooved Metal Disks (76-WA/Prod-14) (A) **Jl 98**
Concentration Polarization
The Concentration Polarization of Solutes Within Biological Cells (76-WA/Bio-4) (A) **Jl 101**
Concentric Cylinders
Normal Mode Solution of Fluid Coupled Concentric Cylindrical Vessels (77-PVP-37) (A) **D 103**
Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) (A) **S 97**
Concrete
Construction and Preliminary Test of Fiber-Reinforced-

Concrete Pump Casing (76-WA/PVP-11) (A) **Mr 101**
Diffusion of Heat in Concrete at Elevated Temperatures (76-WA/HT-79) (A) **Je 116**

Concrete Containments
Concrete Containments and the ASME Code, Section III, Division 2 (77-PVP-24) (A) **N 107**

Concrete Cylindrical Hulls
Analysis of Concrete Cylindrical Hulls Under Hydrostatic Pressure (77-PVP-42) (A) **D 104**

Concrete Mortar Filler Matrix
Thermal Performance of Paraffin Phase Change Materials Dispersed in a Concrete Mortar Filler Matrix (76-WA/HT-33) (A) **Je 110**

Condensate Pumps
Water Jet-Centrifugal Pump Combination for Large Steam Power Plant Condensate System (76-JPGC/Pwr-2) (A) **Ja 109**

Condensation
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) (A) **Je 104**

Condensers
Rating Shell-and-Tube Condensers by Stepwise Calculations (76-WA/HT-5) (A) **My 97**

Conditional Stability
On the Doubly Regenerative Stability of a Grinder: the Combined Effect of Wheel and Workpiece Speed (76-WA/Prod-19) (A) **Jl 98**

Conduction
Longitudinal Conduction in a Three-Fluid Heat Exchanger (76-WA/HT-9) (A) **My 98**

Conductive Heat Transfer
Combined Conductive and Radiative Heat Transfer in an Absorbing and Scattering Medium (77-HT-50) (A) **O 105**

Conductivity
Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique (76-WA/Bio-5) (A) **Jl 101**

Coned Annular Springs
A New Calculation of Coned Annular Disk Spring (76-WA/DE-9) (A) **Mr 104**

Confined Fluids
Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) (A) **S 96**

Conflict Management
Conflict Management for Engineers (77-DE-6) (A) **S 88**

Congressional Fellows
Congressional Fellows Meet Challenges on the Hill **Ap 80**
How to Apply for a Fellowship **Ap 81**
Want to Become a Congressional Fellow ? **My 82**

Conical Pressure Vessel Head
Stresses at the Junction of Conical Pressure Vessel Head and Cylindrical Outlet Caused by Asymmetric Loadings (77-PVP-43) (A) **D 104**

Conical Water Drop
High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) (A) **F 137**

Conkol, G. K. An Optimizing Design Point Program for Selection of a Gas Turbine Cycle (77-GT-108) (A) **Ag 106**

Connectors
Mating the Large Connector (BTR) **Ap 59**

Connelly, J. R. Dealing with Vehicular Pollution (C) **Ap 51**; "Pickup," "Performance," and Petroleum (C) **S 45**

Connelly, W. H. A Computerized Method for Flow-Induced Random Vibration Analysis of Nuclear Reactor Internals (76-WA/PVP-12) (A) **Mr 101**

Cook, N. H. Construction and Preliminary Test of Fiber-Reinforced-Concrete Pump Casing (76-WA/PVP-11) (A) **Mr 101**; Sensing of Drill Wear and Prediction of Drill Life (76-WA/Prod-33) (A) **Jl 100**

Conservation
Conservation: Cornerstone of a National Energy Policy (BTR) **Mr 55**

Conservation Programs
Computerized Conservation (ES) **D 19**

Conservation Research
Environmental and Conservation Research Needs in the Eighties (76-WA/RGPC-2) (A) **Jl 96**

Consistent Mass Matrix
Consistent Mass Matrix for Thick Beams (76-WA/PVP-13) (A) **Mr 101**

Consortiums
Argonne Joins Consortium (EN) **My 68**

Constitutive Equations
High Temperature Properties and Constitutive Equations for 1 Cr-½ Mo Steel (77-PVP-50) (A) **D 105**

Construction
Design of Construction and Process Operations (CB) **Ja 115**

Construction Outlook
Construction Highs Will Get Higher (NB) **Ap 71**

Construction Practices
Effects of Construction Practices on the Ultrasonic Inspectability of Piping Welds (77-PVP-15) (A) **N 106**

Construction Technology
Appropriate Technologies in Civil Engineering Works in Developing Countries: An Exploratory Appraisal of the State of the Art (CB) **My 104**

Consulting Engineers
Employment Guidelines for Consulting Engineers (NR) **My 62**

Consumer Products Safety Act
Development of a Training Program for Compliance with the Consumer Products Safety Act (77-RC-14) (A) **Ag 109**

Contact Conductance
Contact Conductance of Mechanically Expanded Plate Finned Tube Heat Exchangers (77-HT-24) (A) **O 102**

Contact Wheels
Expandable Contact Wheel (IF) **Ap 62**

Containerization
Philosophy and Practice of Radwaste Packaging and Disposal: A Discussion of the Improved Containerization Alternative (76-JPGC-NE-12) (A) **Ja 113**

Containment Vessels
Application of NE-3000 Rules (77-PVP-25) (A) **N 108**

Contaminant Gases
Removal of Contaminant Gases from an Electrolytic Urine Pretreatment Process (77-ENAs-61) (A) **N 101**

Contaminant Lock
Some Advances in Evaluating the Effects of Contaminant Lock in Fluid Power Spool Valves (77-DE-3) (A) **S 88**

Contamination Capsule
Introducing Controlled Matter into a Fluid System (BTR) **Ja 56**

Contamination Monitoring
Contamination Monitoring of Fluids (BTR) **Ap 57**

Contemporary Management
Professional Aspects of Contemporary Management (76-WA/Mgt-8) (A) **Je 105**

Continuing Education
Media-Based Continuing Education (EN) **Ag 69**

Continuing Education Units
ASME Adopts the CEU **F 79**

Continuous Blenders
An Improved Mathematical Model for Continuous Blenders (76-WA/PID-18) (A) **Je 108**

Continuous-Mass Models
Jump Phenomena in Cam-Follower Systems a Continuous-Mass-Model Approach (76-WA/DE-26) (A) **Mr 105**

Continuous Structural Members
A Simple Technique for the Minimum Mass Design of Continuous Structural Members (77-APM-27) (A) **S 97**

Control Algorithms
Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite Time Settling Controlled/Observer (76-WA/Aut-8) (A) **My 93**

Control Rod Drive Mechanism
Advanced Design "Magnetic Jack" Control Rod Drive Mechanism System (76-WA/NE-1) (A) **Ap 92**
Magnetic Jack Control Rod Drives (76-WA/NE-3) (A) **Ap 92**

Controllers
Designing Low-Order, Near-Optimum Controllers with Just a Little Algebra (76-WA/Aut-5) (A) **My 92**

Convection
Convection in Porous Medium Heated from Below: The Effect of Temperature Dependent Viscosity and Thermal Expansion Coefficient (77-HT-56) (A) **O 106**

Convective Heat Transfer
Fluid Flow and Convective Heat Transfer in Square Capillary Ducts Subjected to Nonuniform High Heat Flux (76-WA/HT-29) (A) **My 101**

Convective Radiative Exchange
Laminar Heat Transfer in Ducts with Viscous Dissipation and Convective Radiative Exchange at the Walls (76-WA/HT-59) (A) **Je 114**

Convective Transfer
Radiative and Convective Transfer for Real Gas Flow Through a Tube With Specified Wall Heat Flux (77-HT-13) (A) **O 101**

Conventional Speed Machining
High-Speed Films of the Incipient Cutting Process in Machining at Conventional Speeds (76-WA/Prod-26) (A) **Jl 99**

Conventional Trucks
Graphical Output-Oriented Computer Model of a Railroad Freight Car With Conventional Trucks (77-RT-11) (A) **Ag 107**

Conversational Language Systems
A Design Study of a Simple Conversational Language System (76-WA/Aut-11) (A) **My 93**

Conveyor Systems
Conveyor System Features Self-Accumulation (BTR) **Je 58**
Moving Coal at the Mine Mouth (ES) **O 27**
Unique Catenary-Type Idler (BTR) **My 52**

Cook, R. M. A Method of Field Testing and Data Reduction to Determine Forces Acting on a Freight Car in Revenue Service (76-WA/RT-9) (A) **Mr 95**

Cooke, R. F. Short Time Dynamic Elastic-Plastic Response of a Beam Due to a Time Varying Transverse Load with Application to Pipe Whip (77-PVP-56) (A) **D 105**

Coolant Temperatures
An Approach for Determining the Impact of Peak Coolant Temperature on Fusion Reactor Size and Electricity Costs (77-HT-73) (A) **N 103**

Coolants
A Two-Phase-Flow Cooling Concept for Fusion Reactor Blankets (77-HT-86) (A) **N 105**

Cooling
Description, Output and Development Prospects of a 750°C Helium Direct Cycle Nuclear Power Plant with a Single Turbomachine and Intermediate Cooling (77-GT-2) (A) **Jl 92**
Electrostatic Cooling (77-DE-36) (A) **S 92**
Optimum Natural Convection Cooling of Electronic Assemblies (77-DE-37) (A) **S 92**
A Theoretical Study of the Effects of Cooling on Thermoelastic Contact Instabilities (76-Lub-14) (A) **F 141**
The Therapeutic Effects of Postburn Cooling (77-HT-27) (A) **O 103**

Cooling Design
Cooling Considerations for Design of a Radial Inflow Turbine (77-GT-82) (A) **Ag 103**
Structural and Cooling Aspects of the Aden Nonaxisymmetric Exhaust Nozzle (77-GT-110) (A) **Ag 106**

Cooling Projects
Design and Simulation Studies for the Shenandoah Community Center Large-Scale Solar Cooling Demonstration (76-WA/Sol-15) (A) **Mr 103**

Cooling Systems
From Citrus Fields to Cooling Systems (ES) **My 22**
A Portable Personal Cooling System for Mine Rescue Operations (77-ENAs-53) (A) **N 100**

Cooling-Tower Blowdown
Development History of the RCC Brine Concentrator for Concentrating Cooling-Tower Blowdown (76-WA/Pwr-5) (A) **F 133**

Cooling Tower Models
Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) (A) **F 135**

Cooling Towers
Evaluation of Combined Thermal Storage Pond/Dry Cooling Tower Waste Heat Disposal System (77-HT-57) (A) **O 106**
Study of Off Gas Release Through a Natural Draft Cooling Tower (76-WA/NE-8) (A) **Ap 92**

Cooling Water Inleakage
PWR Secondary System Chemistry During Air and Cooling Water Inleakage (76-WA/NE-14) (A) **Ap 94**

Cooling Water Salinity
Cooling Water Salinity and Brine Disposal Optimized with Electrodialysis Water Recovery/Brine Concentration System (76-WA/Pwr-3) (A) **F 133**

Coolness Storage
Coolness Storage in a Sodium Sulfate Decahydrate Mixture (76-WA/HT-35) (A) **Je 111**

Co-op Program
Co-op Program at NJIT (EN) **Ap 74**

Cooper, G. P. ASME Reports to the Nation U.S. Energy Conversion Research Needs **N 22**

Cooper, W. D. Economic Impact of a 90-dBA Noise Standard on Textile Spinning Operations (77-RC-15) (A) **Ag 108**
Cooperrider, N. K. Influence of Nonlinear Wheel/Rail Contact Geometry on Stability of Rail Vehicles (76-WA/RT-2) (A) **Mr 94**
Copeland, R. J. Food and Medical Sample Freezer Kit Concept for Shuttle (77-ENAs-23) (A) **N 97**
Coplan, B. V. Philosophy and Practice of Radwaste Packaging and Disposal: A Discussion of the Improved Containerization Alternative (76-JPGC-NE-12) (A) **Ja 113**
Copper
Mining Manganese Nodules from the Ocean Floor **Ag 20**
Core Crushing
Design Criteria to Prevent Core Crushing Failure in Large Diameter, Case Hardened, Ball and Roller Bearings (77-DE-39) (A) **S 92**
Core Tubes
Computation of Annular Turbulent Flow with Rotating Core Tube (77-FE-13) (A) **S 100**
Corman, J. C. *(recipient)* George Westinghouse Silver Medal **D CR-12**
Cornea
The Elasticity of Sclera, Cornea, and Choroid, and its Implications on Scleral Rigidity and Accommodation (77-Bio-5) (A) **S 99**
Cornish, E. *(author)* The Study of the Future: An Introduction to the Art and Science of Understanding and Shaping Tomorrow's World (CB) **D 108**
Corona Discharge
Heat Transfer from a Finned Tube Bundle in the Presence of a Corona Discharge (76-WA/HT-40) (A) **Je 112**
Low-Velocity Heat Transfer to a Flat Plate in the Presence of a Corona Discharge in Air (76-WA/HT-47) (A) **Je 112**

Corporations
Creating Corporate Incentives to Promote Creativity (77-DE-5) (A) **S 88**
Corotating Disks
Laminar Throughflow of a Fluid Containing Particles Between Corotating Disks (76-WA/FE-38) (A) **F 138**
Laminar Throughflow of Quality Steam Between Corotating Disks (76-WA/FE-41) (A) **F 138**
Corrosion
Corrosion and Deposits From Combustion of Solid Waste Part V: Firing of Refuse with High-Sulfur Coal (76-WA/CD-1) (A) **My 91**
High-Temperature Corrosion in Fluidized Bed Combustors (76-WA/CD-4) (A) **My 91**
Corrosion Control
Design and Corrosion Control (CB) **Jl 107**
Corrosion and Deposits
An Examination of the Influence of Ash on the Combustion Characteristics of Anthracites (76-WA/CD-2) (A) **My 91**
Corrosion and Deposits From Combustion of Solid Waste Part V: Firing of Refuse with High-Sulfur Coal (76-WA/CD-1) (A) **My 91**
Characteristics of Rheinisch Brown Coals with Respect to Their Combustion and Fouling Behavior in Thermal Power Stations (76-WA/CD-3) (A) **My 91**
High-Temperature Corrosion in Fluidized Bed Combustors (76-WA/CD-4) (A) **MY 91**
Corrosion Products
Post-Critical Heat Flux Fouling by Steam Corrosion Products in a Model Sodium Heated Steam Generator (76-WA/NE-12) (A) **Ap 94**
Corrosion Resistant Materials
Corrosion Resistant Materials Handbook (CB) **Ap 107**
Corrosive Environments
Service Experience of High Strength Cast 17-4PH Gas Compressor Impellers in Corrosive Environments (76-Pet-27) (A) **Ja 101**
Cosmochemistry
Gmelin Handbuch der Anorganischen Chemie 8 (CB) **S 104**
Cost/Benefit Analysis
The Need for Coal/Benefit Analysis When Developing Environmental Standards (77-GT-89) (A) **Ag 104**
Cost Effectiveness
Establishing Concrete R&D Payback Criteria to Increase Cost Effectiveness of R&D Operations (77-DE-25) (A) **S 91**
Cost Estimation
Solar Thermal Electric Power Systems: Manufacturing Cost Estimation and Systems Optimization (76-WA/HT-14) (A) **My 99**
Cost Improvement
Cost Improvement, Work Sampling, and Short Interval Scheduling (CB) **Je 118**
Cost-of-Living Increase
Beating Cost-of-Living Increase (NB) **Ag 67**
Couette Flow
Thermal Entrance Region Heat Transfer in Plane Couette Flow of a Non-Newtonian Fluid (76-WA/HT-41) (A) **Je 111**
Council of Engineering & Scientific Society Executives
CESSE Hits the Big Apple (NR) **S 64**
Council for Science and Society
The Ethics of Risk-Taking (BTR) **O 68**
Covered Hopper Cars
Progress in Rail Transportation **My 44**
Corvin, I. Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) (A) **F 142**
Costello, F. A. Coolness Storage in a Sodium Sulfate Decahydrate Mixture (76-WA/HT-35) (A) **Je 111**
Costello, G. A. Axial Impact of Twisted Wire Cables (77-APM-2) (A) **S 94**
Coulter, D. M. Design Parameters for LNG-Crude Oil Slurry Pipelines (76-Pet-16) (A) **Ja 100**; Economic Analysis of Cryogenic Pipelines for Arctic Resource Recovery (77-Pet-8) (A) **N 109**; LNG-Crude Oil Slurry Cryogenic Pipelines (76-WA/PID-8) (A) **Je 107**
Coutinho, J. de S. *(author)* Advanced Systems Development Management (CB) **S 103**
Coventry, M. B. Stress Analysis of the Geometric Knee Under Static Loading (77-Bio-6) (A) **S 99**
Cover, P. W. Corrosion and Deposits From Combustion of Solid Waste Part V: Firing of Refuse with High-Sulfur Coal (76-WA/CD-1) (A) **My 91**
Cowley, L. W. Computer Aided Design of a Shell and Tube Heat Exchanger for Oil and Asphalt Heating (76-WA/HT-6) (A) **My 98**
Cox, J. B. Saying "Amen" (C) **N 54**
Cox, J. E. Legislative Insight Into "The Metric Conversion Act" (76-WA/TS-14) (A) **My 90**
Cox, J. F. Thermal-Hydraulic Design of a Supercritical, Once-Through Steam Generator for the Molten-Salt Breeder Reactor Plant (76-JPGC-NE-9) (A) **Ja 113**
Crack Contact
The Crack-Contact and the Free-End Problem for a Strip Under Residual Stress (77-APM-3) (A) **S 94**
Crack Growth Resistance
Optimizing Crack Growth Resistance in Engineering Alloys (77-DE-17) (A) **S 90**
Crack Propagation
Fracture Mechanics Fatigue Design **Je 40**
Cracked Sheets
Fracture Analysis of Adhesively Bonded Sheets (76-WA/APM-12) (A) **Jl 103**
Cracks
Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) (A) **S 98**
Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) (A) **S 96**
Nondestructive Testing of Ferromagnetic and Nonferromagnetic Heat Exchanger Tubing from the ID for Wall Thinning and Cracks (76-Pet-36) (A) **Ja 102**
Stress-Intensity Factors for Very Short Cracks in Arbitrary Pressurized Shells (76-WA/APM-29) (A) **Jl 104**
Craig, J. I. Design and Simulation Studies for the Shenandoah Community Center Large-Scale Solar Cooling Demonstration (76-WA/Sol-15) (A) **Mr 103**
Craig, R. L. *(editor)* Training and Development Handbook: A Guide to Human Resource Development (CB) **N 112**
Crane, L. S. Elections to Fellow Grade O 98
Cranes
Optimum Design of Bridge Girders of Electric Overhead Travelling Cranes (76-WA/DE-28) (A) **Ap 100**
Crankcase Lubricants
A New Generation Lubricant for Extended Drain Diesel Service (77-DGP-16) (A) **D 100**
Cravalho, E. G. The Concentration Polarization of Solutes Within Biological Cells (76-WA/Bio-4) (A) **Jl 101**
Crawford, J. W. A Rotating High Pressure Water Condenser and Separator (77-ENAs-10) (A) **O 108**
Crawler Transporter
Shuttling Rockets Into Flight **Ap 82**
Creativity
Creating Corporate Incentives to Promote Creativity (77-DE-5) (A) **S 88**
Creativity and the Engineer (76-WA/Mgt-6) (A) **Je 105**
Developing Creativity in Engineers **Ag 29**
Creep Behavior
Uniaxial Creep Behavior of Metals Under Cyclic Temperature and Stress or Strain Variations (76-WA/APM-6) (A) **Je 109**
Creep Buckling
Creep Buckling of a Complete Spherical Shells (76-WA/APM-8) (A) **Je 109**
Creep Fatigue
Development of Simplified Analysis Methods for Ratchetting and Creep-Fatigue—A Status Report (76-WA/PVP-19) (A) **Mr 102**
Creep Fatigue Damage
An Energy-Based Fatigue and Creep-Fatigue Damage Parameter (77-PVP-3) (A) **N 106**
Creep Problems
A Theoretical and Experimental Investigation of Creep Problems With Variable Temperature (76-WA/APM-25) (A) **Jl 104**
Creep Properties
Derivation of Polycrystal Creep Properties from the Creep Data of Single Crystals (77-APM-8) (A) **S 95**
Creep Rupture
Prediction of Creep Rupture of Pressure Vessels (77-PVP-54) (A) **D 105**
Creep Temperatures
Prediction of Yield in Ductile Materials Operating at Creep Temperatures (76-WA/GT-11) (A) **Mr 98**
Creeping
The Flexibility of Curved Pipes in Creep (76-WA/PVP-4) (A) **Mr 100**
Creeping Motion
Low Knudsen Number Creeping Motion of Two Touching Spheres (76-WA/APM-28) (A) **Jl 104**
Cremers, C. J. Environmental and Conservation Research Needs in the Eighties (76-WA/RGPC-2) (A) **Jl 96**
Cristensen, H. A Microcontinuum Theory for the Elastohydrodynamic Inlet Zone (76-Lub-19) (A) **F 141**
Critical Excitation
The Critical Excitation of Nonlinear Systems (77-APM-18) (A) **S 96**
Critical Flow Data
Comparisons of RELAP4 Predictions with Steady-State Two-Phase Critical Flow Data (76-WA/HT-51) (A) **Je 112**
Critical Heat Flux
Critical Heat Flux in PWR Fuel Assemblies (77-HT-92) (A) **N 105**
Effect of Rod Bowing on CHF in PWR Fuel Assemblies (77-HT-91) (A) **N 105**
Interim Evaluation of Exposure Conditions for the Water-Side Corrosion Test of a Sodium Heated Steam Generator Evaporator Model Employing a Duplex Tube (76-JPGC-NE-5) (A) **Ja 112**
Sodium-Heated Evaporator Critical Heat Flux Experiments at Subcritical Pressure Conditions for Commercial LMFBR Plant Application (76-JPGC-NE-10) (A) **Ja 112**
Critical Path Method (CPM)
CPM Planning with Computer Graphics (CT) **My 72**
Critical Pressures
He II-He I Two-Phase Convection in Cryo-Fluid He Above the Critical Pressure (76-WA/HT-58) (A) **Je 13**
Crook, J. M. Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) (A) **Ja 102**
Crooker, T. W. Fracture Mechanics Fatigue Design **Je 40**; Optimizing Crack Growth Resistance in Engineering Alloys (77-DE-17) (A) **S 90**
Crop Monitoring Systems
Space Techniques to Boost Food Output (BTR) **Mr 65**
Crosbie, A. L. Two-Dimensional Multiple Scattering: Comparison of Theory with Experiment (77-HT-48) (A) **O 105**
Crosby, J. Computer-Aided Pipeline Scheduling (77-Pet-34) (A) **D 107**
Crose, J. G. Nonlinear Finite Element Analysis of Buttress Threaded Casing Connections (76-Pet-82) (A) **Ja 108**
Cross Flow
Experimental Determination of Interior Subchannel Cross Flow and Axial Flow in a Model of the Clinch River Breeder Reactor Fuel Assembly Rod Bundle with Wire Wrap Spacers (76-WA/HT-83) (A) **Je 116**
Heat Transfer Coefficients Around Cylinders in Crossflow in

Combustor Exhaust Gases (77-GT-9) (A) **JI 93**
A Survey of Flow Induced Vibrations of Cylindrical Arrays in Cross-Flow (76-WA/FE-21) (A) **F 136**

Crossflow Heat Exchangers
Thermal Performance Deterioration in Crossflow Heat Exchanger Due to Longitudinal Heat Conduction in the Wall (76-WA/HT-8) (A) **My 98**

Crossflow Microfiltration
Removal of Suspended and Colloidal Solids from Waste Streams by the Use of Cross-Flow Microfiltration (77-ENAs-51) (A) **N 100**

Crosshead Diesels
Development of Antiwear Cylinder Oil for High Output Crosshead Diesels (77-DGP-10) (A) **D 98**

Crouchley, A. B. FT4E-The Optimization of Proven Modular Industrial Gas Turbine (77-GT-23) (A) **JI 94**

Crowe, C. T. Aeroelastic Response of Square and H-Sections in Turbulent Flows (76-WA/FE-19) (A) **F 136**; Calculation of Two-Phase Dispersed Droplet-in-Vapor Flows Including Normal Shock Waves (76-WA/FE-31) (A) **F 137**; Erosion of a Tube by Gas-Particle Flow (76-WA/Mat-9) (A) **Mr 99**; A Novel Physico-Computational Model for Quasi One-Dimensional Gas-Particle Flows (76-WA/FE-36) (A) **F 138**

Crowley, E. T. *(editor)* Acronyms, Initialisms, and Abbreviations Dictionary (CB) **Ap 106**

Crude Oil
Alternative Liquid Fuels and the ERDA Program (76-Pet-15) (A) **Ja 100**
Conversion of a Products Pipeline to Crude Oil Batching Operation (77-Pet-19) (A) **D 106**
Design Parameters for LNG-Crude Oil Slurry Pipelines (76-Pet-16) (A) **Ja 100**
Mobile Offshore Production and Storage System (IF) **Mr 69**
Petrochemicals from Crude Oil (IF) **My 61**
Transport of Crude Oil as Oil-in-Water Emulsions (77-FE-26) (A) **O 110**
Utilization of Petroleum Crude Oils as Boiler and Combustion Turbine Fuels (76-JPGC-Fu-2) (A) **Ja 111**

Crude Oil Slurry
LNG-Crude Oil Slurry Cryogenic Pipelines (76-WA/PID-8) (A) **Je 107**

Crude Oil Working Storage
Crude Oil Working Storage in a Gulf Coast Salt Dome (76-Pet-67) (A) **Ja 106**

Cryo-Fluid Helium
Free Convection at Supercritical Pressures in Cryo-Fluid Helium-1 (76-WA/PID-14) (A) **Je 108**
He II-He I Two-Phase Convection in Cryo-Fluid He Above the Critical Pressure (76-WA/HT-58) (A) **Je 113**

Cryogenic Distillation System
Test Performance of a Cryogenic Distillation System for BWR Gaseous Radwaste Treatment (76-WA/PID-13) (A) **Je 108**

Cryogenic Enclosures
The Evolution of a Cryogenic Enclosure for a Superconducting Power Transmission Cable (77-HT-75) (A) **N 103**
Thermal Testing of High Performance Cryogenic Envelope for Superconducting Power Cable (76-WA/PID-10) (A) **Je 107**

Cryogenic Pipelines
Economic Analysis of Cryogenic Pipelines for Arctic Resource Recovery (77-Pet-8) (A) **N 109**
LNG-Crude Oil Slurry Cryogenic Pipelines (76-WA/PID-8) (A) **Je 107**

Cryogenic Pressure Vessels
Delay Effects in a Pressure Vessel Material 5083-0 Aluminum (76-WA/PVP-1) (A) **Mr 100**

Cryogenic Processing
Improved Cryogenic Processing—(Application of Multistage Turbo-Expander Design to Cryogenic Processes) (76-WA/PID-12) (A) **Je 107**

Crystals
Derivation of Polycrystal Creep Properties from the Creep Data of Single Crystals (77-APM-8) (A) **S 95**

Cullom, R. R. Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) (A) **Ag 105**

Culver, G. G. Natural Convection Heat Transfer Models for Downhole Heat Exchanger Applications in Shallow Geothermal Systems (77-HT-55) (A) **O 106**

Cumpsty, N. A. Prediction of Compressor Performance in Rotating Stall (77-GT-10) (A) **JI 93**

Cunningham, R. E. Dynamic Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) (A) **F 143**

Curami, A. Use of In-Field Computer for Balancing High Power Turbo-Machinery (77-DET-11) (A) **D 102**

Curriculum Sharing
Curriculum Sharing Via Satellite (EN) **Mr 77**

Curry, C. E. Life Cycle Cost as a Propulsion System Design Consideration (77-GT-99) (A) **Ag 104**

Curti, G. A New Calculation of Coned Annular Disk Spring (76-WA/DE-9) (A) **Mr 104**

Curtiss-Wright
Whatever Happened to the Wankel Engine? **My 28**

Curve Entry
A Mathematical Simulation of the Curve Entry and Curve Negotiation Dynamics of Flexible Two Axle Railway Trucks (76-WA/RT-14) (A) **Mr 96**

Curved Channels
Entry Flow in Straight and Curved Channels With Slender Channel Approximations (77-FE-2) (A) **S 99**

Curved Liquid Surfaces
High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) (A) **F 137**

Curved Pipes
The Flexibility of Curved Pipes in Creep (76-WA/PVP-4) (A) **Mr 100**

Curved Surfaces
The Effects of Free-Stream Turbulence Intensity and Velocity Distribution on Heat Transfer to Curved Surfaces (77-GT-48) (A) **Ag 98**

Curves
Computational Methods for the Prediction of Truck Performance in Curves (76-WA/RT-15) (A) **Mr 96**
Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) (A) **Ag 106**

Cusano, C. Transmissibility Study of a Flexibly Mounted Rolling Element Bearing in a Porous Bearing Squeeze-Film Damper (76-Lub-4) (A) **F 139**

Cut - Forming
Cut-Forming: A New Method of Producing Wire (76-WA/Prod-12) (A) **JI 97**

Cutting
On the Mechanics of Tapping by Cutting (76-WA/Prod-25) (A) **JI 99**
Principles of Machining by Cutting, Abrasion and Erosion (CB) **JI 106**

Cutting Conditions
Optimization of Cutting Conditions for Multi-Pass Operations Considering Probabilistic Nature in Machining Processes (76-WA/Prod-4) (A) **JI 96**

Cutting Tools
Influence of Flank Wear on the Stresses in a Cutting Tool (76-WA/Prod-30) (A) **JI 100**

CYBERNET Computers
Engineering Design Time Savings (BTR) **Je 54**

Cycle Counting Procedure
A Cycle Counting Procedure for Fatigue Failure Predictions for Complicated Multi-Axial Stress Histories (77-PVP-29) (A) **N 108**

Cyclic Internal Pressure
Influence of Inner Surface Defects on the Fatigue Strength of Pipe Subjected to Cyclic Internal Pressure (77-PVP-41) (A) **D 104**

Cyclic Loading
Material Failure and Component Design Under Cyclic Loading (77-DE-27) (A) **S 91**

Cyclic Plasticity
Plastic Internal Variables Formalism of Cyclic Plasticity (76-WA/APM-21) (A) **JI 103**
Verification of Specimens for Low Cycle Fatigue and Cyclic Plasticity Testing (77-PVP-35) (A) **D 103**

Cyclic Temperatures
Uniaxial Creep Behavior of Metals Under Cyclic Temperature and Stress or Strain Variations (76-WA/APM-6) (A) **Je 109**

Cyclically Loaded Structures
A Means of Assessing the Effect of Periodic Proof Testing and NDE on the Reliability of Cyclically Loaded Structures (77-PVP-44) (A) **D 104**

Cylinder Lubricants
Development of Antiwear Cylinder Oil for High Output Crosshead Diesels (77-DGP-10) (A) **D 98**

Cylinders
Analysis of Mixed Convection Across a Horizontal Cylinder with Uniform Surface Heat Flux (77-HT-45) (A) **O 105**
Drag on a Group of Cylinders (76-Pet-42) (A) **Ja 103**
An Experimental Study of Flow-Induced Motions of Flexible Cables and Cylinders Aligned with the Flow Direction (76-WA/FE-15) (A) **F 135**
An Experimental Study of Heat Transfer from the Wake Region of a Spray Cooled Isothermal Cylinder (77-HT-33) (A) **O 103**
The Frequency of Inertial Waves in a Rotating, Sectored Cylinder (76-WA/APM-22) (A) **JI 103**
Heat Transfer Coefficients Around Cylinders in Crossflow in Combustor Exhaust Gases (77-GT-9) (A) **JI 93**
Stability of a Cluster of Flexible Cylinders in Bounded Axial Flow (77-APM-34) (A) **S 98**
Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) (A) **S 97**
Study of Heat Transfer and Melting Front from a Cylinder Imbedded in a Phase Change Material (77-HT-42) (A) **O 104**
Surface Cracks in Cylinders During Thermal Shock (77-PVP-5) (A) **N 106**
The Transient Motion of a Cylindrical Shell of Arbitrary Cross Section in an Acoustic Medium (77-APM-33) (A) **S 98**
On Wake-Induced Flutter of a Circular Cylinder in the Wake of Another (77-APM-28) (A) **S 97**

Cylindrical Arrays
A Survey of Flow Induced Vibrations of Cylindrical Arrays in Cross-Flow (76-WA/FE-21) (A) **F 136**

Cylindrical Cavities
Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) (A) **S 97**

Cylindrical Glass Honeycomb
Performance Measurements of a Cylindrical Glass Honeycomb Solar Collector Compared with Predictions (76-WA/Sol-3) (A) **F 131**

Cylindrical Heat Source
Effect of Moisture Migration on the Temperature of a Direct-Buried Cylindrical Heat Source (76-WA/HT-50) (A) **Je 113**

Cylindrical Outlets
Stresses at the Junction of Conical Pressure Vessel Head and Cylindrical Outlet Caused by Asymmetric Loadings (77-PVP-43) (A) **D 104**

Cylindrical Pressure Vessels
Junction Stresses for a Conical Section Joining Cylinders of Different Diameter Subject to Internal Pressure (76-Pet-31) (A) **Ja 102**

Cylindrical Shells
Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) (A) **S 98**
Characterization of Fracture in Vessels and Piping (76-WA/PVP-2) (A) **Mr 100**
Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) (A) **S 95**
Free Vibration of Fluid-Coupled Coaxial Cylindrical Shells of Different Lengths (76-WA/APM-3) (A) **Je 109**
Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) (A) **Mr 100**
Plastic Instability of Thin-Walled Spherical and Cylindrical Shells of Laminated Construction (77-PVP-40) (A) **D 104**

Cylindrical Water Drop
High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) (A) **F 137**

Czul, J. Parametric Design of a Rotary-Combustion Test Engine (76-WA/DE-25) (A) **Ap 96**

D

Dafalias, Y. F. Plastic Internal Variables Formalism of Cyclic Plasticity (76-WA/APM-21) (A) **JI 103**

Dahler, J. S. Deviations From the Linear Transport Laws and Corrections to the Onsager Reciprocal Relations (76-WA/APM-2) (A) **Je 109**

Dahlman, G. E. Thermal Patterns in 36-Inch Freight Car Wheels During Service Tests (76-WA/RT-11) (A) **Mr 95**

Daimon, Y. An Application of TF25 Gas Turbine Engine to Hovercraft Operation in Japan (77-GT-90) (A) **Ag 104**

Dalcher, A. W. Oscillatory Dryout Related Thermal Stresses in Clean Steam Generator Tubes (76-JPGC-NE-2) (A) **Ja 112**

Dalrymple, J. M. Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) (A) **S 96**

Daman, E. L. Activities and Accomplishments of the Task Force on Design, Materials and Manufacturing Re-

search (76-WA/RGPC-3) (A) **JI 96**; ASME Reports to the Nation: Research Required in Design, Materials and Manufacturing **D 20**

Damped Systems
A Theorem on the Free Vibration of Damped Systems (77-APM-6) (A) **S 95**

Damper Forces
Investigation of Squeeze Film Damper Forces Produced by Circular Centered Orbits (77-GT-30) (A) **Ag 96**

Damping
Dynamic Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) (A) **F 143**

Damping Forces
Added Mass and Damping Forces on Circular Cylinders (76-Pet-3) (A) **Ja 98**

Dams
Instability of Elastically Suspended Tainter-Gate System Caused by Surface Waves on the Reservoir of Dam (77-FE-25) (A) **O 110**

Dandrea, A. J. An On-Line Computer Application in Maintenance (76-WA/Mgt-10) (A) **Je 105**

Daneking, W. E. Energy Conservation-Steam Management in a Refinery (76-Pet-73) (A) **Ja 106**

Daniel, D. M. "Ocean Picture Making Waves (C) **D 52**

Daniel, K. J. Prediction of Radiation Absorption and Scattering in Turbid Water Bodies (77-HT-47) (A) **O 104**

Daniels, D. J. Rain Erosion Considerations for Launch Vehicle Insulation Systems (77-ENAs-15) (A) **O 109**

Daniels, E. Liquefied Natural Gas Imports: The Potential for Additional Sources of Natural Gas for Electric Power Generation (76-JPGC-Fu-3) (A) **Ja 111**

Danilov, N. Superheated Liquids: Thermophysical Properties, Homogeneous Nucleation and Explosive Boiling-Up (77-HT-87) (A) **N 105**

Das, A. K. A Review of Various Aspects of Design of a Circular Saw for Efficient Energy Use (77-DE-47) (A) **S 94**

Das, Y. C. A Mixed Method in Elasticity (76-WA/APM-30) (A) **JI 104**

Dasgupta, G. An Alternative Representation of the Elastic-Viscoelastic Correspondence Principle for Harmonic Oscillations (77-APM-11) (A) **S 95**

Data Acquisition
A Data Acquisition, Performance Evaluation and Monitoring System for Solar Heated/Cooled Residential Dwellings (76-WA/Sol-13) (A) **Mr 102**

Data Base Systems
The ABC's Required for Establishing a Practical Computerized Plant Engineering Management Data Base System (76-WA/PEM-1) (A) **My 93**

Data Exchange Program
Manufacturers Needed for Data Exchange Program (NR) **Mr 74**

Data Input & Analysis
For Valid Data Input and Analysis (CT) **Je 84**

Data Processing
Data Processing Technology and Economics (CB) **Je 118**
New Breakthrough in Data Processing (NR) **Ag 65**

Daugas, C. F. Diesel and Dual Fuel Engines with Heat Recovery (77-DGP-20) (A) **D 100**

Davis, E. A. *(recipient)* Nadai Award **Ja CR-6**

Davis, H. S. Correction (C) **My 50**

Davis, L. K. Is Nature Enough? (C) **Mr 52**

Davis, L. R. An Analysis of Deep Submerged Multiple-Port Buoyant Discharges (76-WA/HT-19) (A) **My 100**; Measurement of Buoyant Jet Entrainment from Single and Multiple Sources (77-HT-43) (A) **O 104**

Davis, S. H. CO_2 and Humidity Removal System for Extended Shuttle Missions: CO_2, H_2O, and Trace Contaminant Equilibrium Testing (77-ENAs-4) (A) **O 108**; KO_2 Reactions with CO_2 and H_2O in Air (77-ENAs-12) (A) **O 108**

Davison, A. Development of Antiwear Cylinder Oil for High Output Crosshead Diesels (77-DGP-10) (A) **D 98**

Davisorb™
Front Barrier Protection at 50 MPH (BTR) **Je 57**

Day, I. J. Prediction of Compressor Performance in Rotating Stall (77-GT-10) (A) **JI 93**

Dawson, A. B. C. A Computer-Aided Feel Cam Design (77-DE-48) (A) **S 94**

Dawson, C. W. The Application of Medium-Speed Diesel Engines to Sub-Zero Ambient Temperature (77-DGP-19) (A) **D 100**

Dayan, J. Digital Simulation of Fixed and Variable Geometry Free Gas Turbine Engines Based on Quasi-Steady Approach (76-WA/GT-1) (A) **Mr 96**

Dayton, I. E. "Ocean"-Picture Making Waves (C) **D 53**

Dean, J. W. Propagation of Thermal Waves in Supercritical Helium (77-HT-76) (A) **N 103**

Dean, M. R. A New Leak-Free Sealing System for a Downhole Safety Valve (76-Pet-99) (A) **Ja 107**

Deceleration Rate Parameters
Deceleration Rate Parameter and Algebraic Prediction of Turbulent Boundary Layer (76-WA/FE-7) (A) **F 134**

Decision Analysis
Engineering Economic Analysis (CB) **Mr 107**

Decker, G. L. The Impact of the New Energy Technologies **My 24**

Decker, O. How to Save 5% of Our Energy **S 32**

Declamination Wear
Declamination Wear of Dispersion-Hardened Alloys (76-WA/Prod-29) (A) **JI 100**

Decompression Chambers
Submersible Decompression Chamber (IF) **Ap 63**

De Croos, K. A. Roughness Element Geometry Required for Wind Tunnel Simulations of the Atmosphere Wind (76-WA/FE-18) (A) **F 135**

Deep-Beams
Elasticity Solution of Deep Beam Under Settlement of Supports (76-WA/APM-23) (A) **JI 104**

Deep Diving
An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OcE-1) (A) **My 94**

Deep Drawing
Assessment of Deep-Drawability and Stretchability by Bulge Test of Concentrically Grooved Metal Disks (76-WA/Prod-14) (A) **JI 98**
Numerical Solution of Deep Drawing Problem (76-WA/Prod-3) (A) **JI 96**

Deepfold Heat Exchangers
Effects of Nonuniform Passages on Deepfold Heat Exchanger Performance (76-WA/HT-32) (A) **Je 111**

Deepsea Mining
Mining Manganese Nodules from the Ocean Floor **Ag 20**

Deep-Sea Pipelines
A Note on the Bending of Rods to a Specified Shape (76-WA/OcE-2) (A) **My 94**

Deepwater Applications
An Articulated Multiline Production Riser for Deepwater Application (76-Pet-44) (A) **Ja 103**
Deep Water Pipe-Lay Stresses (76-Pet-79) (A) **Ja 107**
Installation of Deep Offshore Pipelines (1000-m Depth) by Bottom Pull Method (76-Pet-80) (A) **Ja 107**

Deevy, W. J. On the Right Track? (C) **JI 50**

Defect Traceability
Defect Traceability—An Effective Tool for Improved Quality Control (77-DE-29) (A) **S 92**

Defective Products
Perspectives of the Legal System (77-DE-22) (A) **S 90**

Defense Contractors
Which Whitney? (C) **O 54**

Deflection
Design Considerations in Force-Deflection Relations of Cantilever Beams (77-DE-50) (A) **S 94**
Transverse Vibration of a Uniform, Simply Supported Timoshenko Beam Without Transverse Deflection (76-WA/APM-20) (A) **JI 103**

Deformation
Deformation of Polymers During Hydrostatic Extrusion (77-PVP-39) (A) **D 103**

Deformation Modes
Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) (A) **JI 98**

Defur, D. D. Duplex Bayonet Tube Steam Generator for Liquid Metal Fast Breeder Reactor Application (76-JPGC-NE-6) (A) **Ja 112**

Degree Discussion
Degree Discussion (C) **JI 49**

Degree Programs
NYU and Cooper Union to Offer Joint Degrees (EN) **D 76**

Degree Studies
Independent Study Degrees (EN) **N 76**

Dehkordi, G. B. Heat Transfer from a Finned Tube Bundle in the Presence of a Corona Discharge (76-WA/HT-40) (A) **Je 112**

Deissler, R. G. Elections to Fellow Grade **JI 90**

Dekker, J. G. Solar Heating in North America **N 36**; Solar Heating in the United States (76-WA/Sol-8) (A) **F 131**

Delale, F. The Problem of Internal and Edge Cracks in an Orthotropic Strip (77-APM-19) (A) **S 96**

De La Paz, A. Fast Burst Reactor Burst Rod Adaptor Failure Analysis (76-WA/Mat-7) (A) **Mr 99**

Delay Effects
Delay Effects in a Pressure Vessel Material 5083-0 Aluminum (76-WA/PVP-1) (A) **Mr 100**

deLorenzi, H. G. Design Methodology for Ceramic Structures (77-GT-40) (A) **Ag 97**

DelValle, R. J. Process Noise Control: A Critical Application that Worked (77-RC-12) (A) **Ag 109**

Denison, E. B. Downhole Measurements Through Modified Drill Pipe (76-Pet-53) (A) **Ja 104**

Denseveyor System
Pollution-Free Coal Conveying System (IF) **F 69**

Density Interfaces
A Study of the Density Interface in a Stratified LMFBR Outlet Plenum (77-HT-23) (A) **O 103**

Demand Regulator
Breathing Dynamics of a Diver Face Mask Fitted With a Demand Regulator (77-DE-30) (A) **S 92**

Demeter, J. J. Combustion of Pulverized Solvent-Refined Coal (76-WA/Fu-6) (A) **Je 102**

Demetriades, S. T. A Numerical Solution to the Unsteady Quasi-Three-Dimensional, Turbulent Heat Transfer Problem in an MHD Channel (77-HT-90) (A) **N 105**

DeMorais, G. A. Analysis of Multi-Inversion of Tube Ends (77-DE-35) (A) **S 92**

Department of Energy (DOE)
The Department of Energy: Some Questions and Answers (WW) **S 70**

Deposits
Corrosion and Deposits From Combustion of Solid Waste Part V: Firing of Refuse with High-Sulfur Coal (76-WA/CD-1) (A) **My 91**

Depositions
Deposition of Suspensions in the Entrance of a Channel (76-WA/Flcs-13) (A) **Ap 102**

Deposition Motion
On the Mechanism of Liquid Drop Deposition in Two-Phase Flow (76-WA/HT-18) (A) **My 100**

Depth Controller
Automatic Depth Controller (BTR) **My 52**

Desaulniers, W. E., Jr. Structural and Thermal-Hydraulic Design of a Sodium Heated Duplex Bayonet Tube Steam Generator (76-WA/HT-74) (A) **Je 116**

Deshpande, R. B. A Comparison of Two Computational Procedures Applied to Turbomachinery Flows (77-FE-14) (A) **S 100**

Design Analysis
Accurate Design Analysis of Flange Joints (76-Pet-37) (A) **Ja 102**

Design Contest
Student Designers Offer Same Solutions **D 89**

Design Criteria
Design Criteria to Prevent Core Crushing Failure in Large Diameter, Case Hardened, Ball and Roller Bearings (77-DE-39) (A) **S 92**

Design-to-Cost
Design-to-Cost in Action (77-DE-9) (A) **S 89**

Design-to-Cost Principles
Life Cycle Cost as a Propulsion System Design Consideration (77-GT-99) (A) **Ag 104**

Design Defects
Failure of a Welded Blower Fan Assembly (76-WA/Mat-2) (A) **Mr 98**

Design Engineering
Acoustic Characteristics of a Car Cavity and Estimation of Interior Sound Field Produced by Vibrating Panel (76-WA/DE-1) (A) **Mr 104**
Acoustodynamics of the Longitudinal Colinear Impact of Finite Elastic Cylinders (76-WA/DE-19) (A) **Ap 99**
Analysis of Multi-Inversion of Tube Ends (77-DE-35) (A) **S 92**
An Analysis of a Two-Stream Gravity-Feed Mixing Process (77-DE-44) (A) **S 93**
Application of Modal Testing Techniques to Solve Vibration Problems in Machinery Supporting Structures (77-DE-16) (A) **S 90**
ASME Reports to the Nation: Research Required in Design Materials and Manufacturing **D 20**
Brazing—An Economical, High-Quality Joining Process (77-DE-43) (A) **S 93**
Breathing Dynamics of a Diver Face Mask Fitted With a Demand Regulator (77-DE-30) (A) **S 92**
Cable Kinking Analysis and Prevention (76-WA/DE-4) (A) **Mr 104**

Compliant-Mounted Bearings and Their Application (77-DE-18) (A) **S 90**
A Comprehensive Free Vibration Analysis of Rectangular Plates with Two Opposite Edges Simply Supported (76-WA/DE-13) (A) **Mr 105**
A Computer-Aided Feel Cam Design (77-DE-48) (A) **S 94**
Computer-Based Rational Design of Strain-Gage Load Cells (77-DE-40) (A) **S 92**
Conflict Management for Engineers (77-DE-6) (A) **S 88**
Creating Corporate Incentives to Promote Creativity (77-DE-5) (A) **S 88**
Defect Traceability—An Effective Tool for Improved Quality Control (77-DE-29) (A) **S 92**
Design Considerations of Figures: Finite Element Interactive Graphics User Routines (77-DE-34) (A) **S 92**
Design Considerations in Force-Deflection Relations of Cantilever Beams (77-DE-50) (A) **S 94**
Design-to-Cost in Action (77-DE-9) (A) **S 89**
Design Criteria to Prevent Core Crushing Failure in Large Diameter, Case Hardened, Ball and Roller Bearings (77-DE-39) (A) **S 92**
Design Engineering and the Law **O 44**
Design of a Hydraulic Longwall Coal Mining Machine (76-WA/DE-2) (A) **Mr 104**
Design of Impact Absorber with Quadratic Damping (76-WA/DE-12) (A) **Mr 104**
Design of a Low-Cost Space Heating System Using Warm Geothermal or Industrial Effluents (77-DE-26) (A) **S 91**
The Design of Nondestructive Testing Equipment for Industrial Plants of Today and Tomorrow (77-DE-8) (A) **S 89**
Dimensional Analysis and Scaling of the Aerodynamic Noise Produced by Idling Circular Saw Blades (76-WA/DE-11) (A) **Mr 104**
Dynamic Severity Criterion for Designing Against High Cycle Fatigue (77-DE-28) (A) **S 91**
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) (A) **Ap 96**
Dynamic Testing of a Redundant Reeving Hoist (76-WA/DE-6) (A) **Mr 104**
The Effect of Particulate Contaminants on the Static Characteristics of Fluid Power Relief Valves (77-DE-20) (A) **S 90**
Effective Technology Transfer-From Laboratory to Production Line (77-DE-11) (A) **S 89**
Electrostatic Cooling (77-DE-36) (A) **S 92**
Establishing Concrete R&D Payback Criteria to Increase Cost Effectiveness of R&D Operations (77-DE-25) (A) **S 91**
The Fatigue Behavior of Fiber-Reinforced Polymers and Advanced Composites (77-DE-41) (A) **S 92**
Fatigue Life Prediction of Complex Structures (77-DE-46) (A) **S 93**
Finite Element and Finite Difference in Engineering Methods (77-DE-45) (A) **S 93**
Flywheels for Energy Storage: A Review with Bibliography (76-DET-96) (A) **JI 105**
Graphite/Epoxy Structures-Design and the Manufacturing Interface (77-DE-15) (A) **S 90**
Hazard Description of Power Lawnmowers (77-DE-12) (A) **S 89**
Insuring Mechanical Integrity of Plastic Enclosures (77-DE-13) (A) **S 89**
Jump Phenomena in Cam-Follower Systems a Continuous-Mass-Model Approach (76-WA/DE-26) (A) **Mr 105**
Manufacturers' Response to Product Safety Standards (77-DE-4) (A) **S 88**
Material Failure and Component Design Under Cyclic Loading (77-DE-27) (A) **S 91**
Mechanical Design Optimization for Transient Dynamic Response (76-WA/DE-27) (A) **Mr 105**
A Method for Optimal Tolerance Selection (76-WA/DE-23) (A) **Ap 99**
A Method for Performing a Product Liability Investigation (77-DE-1) (A) **S 88**
New Applications of Sputtering and Ion Plating (77-DE-21) (A) **S 90**
A New Calculation of Coned Annular Disk Spring (76-WA/DE-9) (A) **Mr 104**
Optimal Cantilever Dynamic Vibration Absorbers (76-WA/DE-17) (A) **Mr 105**
Optimizing Crack Growth Resistance in Engineering Alloys (77-DE-17) (A) **S 90**
Optimum Design of Bridge Girders of Electric Overhead Travelling Cranes (76-WA/DE-28) (A) **Ap 100**
Optimum Natural Convection Cooling of Electronic Assemblies (77-DE-37) (A) **S 92**
Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) (A) **Ap 96**
OSHA and the Noise of Pneumatic Systems (77-DE-49) (A) **S 94**
Packaging a Computer by Site—A New Efficient Approach (77-DE-19) (A) **S 90**
Parametric Design of a Rotary-Combustion Test Engine (76-WA/DE-25) (A) **Ap 96**
Perspectives of the Legal System (77-DE-22) (A) **S 90**
A Practical System for Computer Generated Display of Three-Dimensional Designs (77-DE-31) (A) **S 92**
Primer on Transient Analysis of Complex Structures at Resonance (76-WA/DE-10) (A) **Mr 104**
Product Safety Hazard Analysis (77-DE-2) (A) **S 88**
Promoting Effective Coordination Among Marketing, Engineering and Manufacturing (77-DE-7) (A) **S 89**
Quality Assurance in R&D (77-DE-10) (A) **S 89**
The Reliability of Probabilistic Mechanical Design (76-WA/DE-7) (A) **Mr 104**
A Review of Various Aspects of Design of a Circular Saw for Efficient Energy Use (77-DE-47) (A) **S 94**
Sensitivity of Torsional Natural Frequencies (76-WA/DE-18) (A) **Ap 99**
Simplified Design With Graphite Reinforced Plastics (77-DE-14) (A) **S 89**
Snap Fit Design Concepts (76-WA/DE-3) (A) **Mr 104**
Some Advances in Evaluating the Effects of Contaminant Lock in Fluid Power Spool Valves (77-DE-3) (A) **S 88**
Straight-Air Disk Brake Systems for Heavy Vehicles (77-DE-23) (A) **S 91**
Stress Relaxation of a Thick-Walled Tube Shrunk Inside a Rigid Sheet (77-DE-42) (A) **S 93**
Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) (A) **Ap 96**
Synthesis of R-S-S-R Mechanism for Coordinating Input-Output Displacements for Finitely and Infinitesimally Separated Positions (76-WA/DE-5) (A) **Mr 104**
The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) (A) **Ap 99**
Torque Converter Spherical Wheel (76-WA/DE-8) (A) **Ap 96**
Torsional Amplitude Growth With Resonant Forcing (76-WA/DE-20) (A) **Ap 99**
Transient Analysis of a Permeable Thermal Barrier System (77-DE-24) (A) **S 90**
The Use of Capital-Labor Ratio in the Design of Large-Scale Systems (77-DE-38) (A) **S 92**
The Use of a Random Algorithm for Dynamic Optimization of Mechanisms (76-WA/DE-22) (A) **Ap 99**
Vapor Deposited Transducers for Measuring Pressure and Temperature in Machine Elements (77-DE-33) (A) **S 91**
Vibrational Analysis of Mechanics Using Constant Length Finite Elements (76-WA/DE-21) (A) **Ap 99**

Design Engineering Technical Conference
The Circuit Breaker—A Practical Example in Engineering Optimization (77-DET-7) (A) **D 101**
Computation of Unbalance Vibrations of Turborotors (77-DET-13) (A) **D 102**
Diagnosis in Operation of Bearing Misalignments in Turbogenerators (77-DET-14) (A) **D 102**
Fixed Edge Bending Moments of Thin Rectangular Cantilever Plates Due to Line Loading (77-DET-119) (A) **D 102**
High Stiffness Seals for Rotor Critical Speed Control (77-DET-10) (A) **D 101**
LINCAGES: **L**inkages **IN**teractive **C**omputer **A**nalysis and **G**raphically **E**nhanced **S**ynthesis **P**ackage (77-DET-5) (A) **D 101**
Maximization of Signomials or Posynomials (77-DET-4) (A) **D 101**
A Method for Investigating the Dynamic Behavior of a Turbomachinery Shaft on a Foundation (77-DET-16) (A) **D 102**
Non-Numerical Techniques for Design Synthesis (77-DET-8) (A) **D 101**
Optimization by Random Perturbation Method with Systematic Reduction of Search Region (77-DET-9) (A) **D 102**
Reliability of a High Speed Rotating Machine Subjected to Earthquake Excitation (77-DET-12) (A) **D 102**
Structural Modeling Graphics: An Aid to Understanding Complex Design Problems (77-DET-6) (A) **D 101**
Use of Computer for Balancing High Power Turbo-Machinery (77-DET-11) (A) **D 102**

Design Materials
Activities and Accomplishments of the Task Force on Design, Materials and Manufacturing Research (76-WA/RGPC-3) (A) **JI 96**

Design Methodology
Design Methodology for Ceramic Structures (77-GT-40) (A) **Ag 97**

Design Optimization
Design Optimization of a Single Fluid, Solid Sensible Heat Storage Unit (76-WA/HT-64) (A) **Je 114**

Design Synthesis
Non-Numerical Techniques for Design Synthesis (77-DET-8) (A) **D 101**

Design Technology Transfer
Advanced Composites: Design Technology Transfer for Aerospace **Je 36**

Design Time Savings
Engineering Design Time Savings (BTR) **Je 54**

Design Tools
Substructuring as an Everyday Design Tool (77-PVP-27) (A) **N 108**

Design Parameters
Design Parameters for LNG-Crude Oil Slurry Pipelines (76-Pet-16) (A) **Ja 100**

Desktop Computers
Desktop Computers-A New Generation (BTR) **D 59**
Versatile Desktop Computer (BTR) **Je 59**

Desiouis, C. Use of Electrochemical Methods for the Study of Mass Transfer and Drag Reduction in Polymer Solutions Close to a Wall (77-FE-32) (A) **O 111**

Destiny Control
Controlling Our Destiny (PS) **S 71**

Destroyers
Design Considerations for Heat Recovery System for DD-963 Class Ship (77-GT-106) (A) **Ag 105**
The First Year's Operating Experience-GE LM2500 Gas Turbine in USS Spruance (DD-963) (77-GT-107) (A) **Ag 105**

Development Management
Advanced Systems Development Management (CB) **S 103**

Development Transfer
Development and Technology Transfer (76-WA/TS-15) (A) **My 90**

Deviation Angles
A Method of Calculating the Slip Factor of Centrifugal Compressors from Deviation Angle (77-GT-64) (A) **Ag 101**

Deviation Forces
Deviation Forces Arising from Single Bit Tooth Indentation of Anisotropic Porous Media (76-Pet-52) (A) **Ja 104**

DeVor, R. E. Tool Life Variation and its Influence on the Development of Tool Life Models (76-WA/Prod-1) (A) **JI 96**

de Vries, G. H. Improvement of Coupling-up Performance in Automatic Marshalling Yards: A Simulation (77-RT-8) (A) **Ag 107**

Dewar Insulation
Development of Large Fiberglass Reinforced Plastic Dewars for Superconducting Magnets at 4 K (76-WA/PID-11) (A) **Je 107**

Deweese, J. L. Advanced Design "Magnetic Jack" Control Rod Drive Mechanism System (76-WA/NE-1) (A) **Ap 92**

Dewey, C. F., Jr. Spectral and Temporal Characteristics of Post-Stenotic Turbulent Wall Pressure Fluctuations (77-Bio-8) (A) **S 99**

Dharan, C. K. H. The Fatigue Behavior of Fiber-Reinforced Polymers and Advanced Composites (77-DE-41) (A) **S 92**

Dhir, V. Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) (A) **Je 115**

Dhir, V. K. Subcooled Film-Boiling Heat Transfer from Spheres (77-HT-78) (A) **N 104**

Diamond, S. The New Mexico Department of Agriculture Solar Heated and Cooled Building (76-WA/Sol-10) (A) **F 131**

Di Carlo, J. T. Using Digital Control for Utility Boiler Sootblower Systems (76-JPGC-Pwr-8) (A) **Ja 109**

Dielectric Drop
Transient Heat and Mass Transfer to a Drop in an Electric Field (76-WA/HT-43) (A) **Je 111**

Dies
Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) (A) **JI 99**
Diesel-Cycle Expanders
Nonlinear Expanders for Diesel-Cycle Application—Part IV: Sealing (77-DGP-6) (A) **D 98**
Diesel Electric Locomotives
Development of a Real Time Computer Oriented Locomotive Maintenance Program (76-WA/RT-10) (A) **Mr 94**
Diesel Engines
Closed-Cycle Hydrogen-Fueled Engine (BTR) **N 56**
Keep on Truckin' (ES) **Ja 19**
Diesel and Gas Engine Power
Analysis of Pressure Pulsation in Reciprocating Compressor Piping Systems by Analog and Digital Simulation (76-WA/DGP-3) (A) **Ap 100**
The Application of Medium-Speed Diesel Engines to Sub-Zero Ambient Temperature (77-DGP-19) (A) **D 100**
Caterpillar Heavy-Duty 1300 hp Deep-Ratio Marine Transmission (77-DGP-2) (A) **D 98**
The Design and Development of Turbocharged 1 Liter per Cylinder 4 and 6 Cylinder Air Cooled Diesel Engines (77-DGP-9) (A) **D 99**
Detailing a New Diesel Engine Design Using a Three-Dimensional Interactive Graphic System (76-WA/DGP-2) (A) **Ap 100**
Development of Antiwear Cylinder Oil for High Output Crosshead Diesels (77-DGP-10) (A) **D 98**
On the Development of Medium-Speed Diesels for Economical Power Generation (77-DGP-15) (A) **D 100**
Development of the MTU 956/1163 Twin Engine Family (77-DGP-17) (A) **D 100**
Development and Service Experience of the Nohab F-Type 250-MM Bore Diesel Engine (77-DGP-21) (A) **D 100**
Diesel and Dual Fuel Engines with Heat Recovery (77-DGP-20) (A) **D 100**
Exhaust-Gas Turbochargers and Systems for High-Pressure Charging (77-DGP-12) (A) **D 99**
Fuel Spray Trajectory in Diesel Engines (77-DGP-1) (A) **D 100**
Ideas and Hypotheses on Plain-Bearing Failures (77-DGP-13) (A) **D 99**
Investigations on Highly Turbocharged Air-Cooled Diesel Engines (77-DGP-11) (A) **D 99**
Maintenance and Operation of Nuclear Diesel Generator Systems (77-DGP-14) (A) **D 100**
A New Generation Lubricant for Extended Drain Diesel Service (77-DGP-16) (A) **D 100**
Nonlinear Expanders for Diesel-Cycle Application—Part IV: Sealing (77-DGP-6) (A) **D 98**
Performance and Sociability of Comprex Supercharged Diesel Engine (77-DGP-4) (A) **D 98**
Prediction and Measurement of Two-Stroke Cycle Diesel Engine Performance and Smoke at Altitude (77-DGP-3) (A) **D 100**
A Real-Time Analogue Computer Simulation of a Turbocharged Diesel Engine (76-WA/DGP-1) (A) **Ap 100**
Short Pipe Manifold Design for Four-Stroke Engines (76-WA/DGP-4) (A) **Ap 100**
Simulation Technique in Seismic Qualification of Category I Auxiliary Equipment (77-DGP-18) (A) **D 100**
How the Sulzer Medium-Speed Diesel Engines Meet the Demand for Power Generation (77-DGP-7) (A) **D 98**
Turbocharged Diesel Engine Simulation to Predict Steady-State and Transient Performance (77-DGP-5) (A) **D 98**
Valve Wear, Statistically Speaking (77-DGP-8) (A) **D 98**
Diesel Generator Systems
Maintenance and Operation of Nuclear Diesel Generator Systems (77-DGP-14) (A) **D 100**
Diesel Locomotives
Progress in Rail Transportation **My 44**
Progress in Railway Mechanical Engineering 1975–1976 Report of Survey Committee Locomotives (76-WA/RT-6) (A) **Mr 94**
Differential Producers
Statistical Improvement in Differential Producer Type Flowmeters (76-WA/FM-1) (A) **Je 105**
Diffusers
Design and Performance of Selected Pipe-Type Diffusers (77-GT-104) (A) **Ag 105**
Prediction of Flow Separation in a Diffuser by a Boundary Layer Calculation (76-WA/FE-6) (A) **F 134**
Diffusion
Diffusion of Heat in Concrete at Elevated Temperatures (76-WA/HT-79) (A) **Je 116**
Diffusivity
Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique (76-WA/Bio-5) (A) **JI 101**
Digital Computers
A Computer-Aided Feel Cam Design (77-DE-48) (A) **S 94**
Digital Control
Using Digital Control for Utility Boiler Sootblower Systems (76-JPGC-Pwr-8) (A) **Ja 109**
Digital Experimental Techniques
Digital Experimental Techniques for Troubleshooting Vibration Problems in Rotating Equipment (77-PVP-49) (A) **D 105**
Digital Simulation
Analysis of Pressure Pulsation in Reciprocating Compressor Piping Systems by Analog and Digital Simulation (76-WA/DGP-3) (A) **Ap 100**
Digital Simulation of Fixed and Variable Geometry Free Gas Turbine Engines Based on Quasi-Steady Approach (76-WA/GT-1) (A) **Mr 96**
Diller, K. R. The Therapeutic Effects of Postburn Cooling (77-HT-27) (A) **O 103**
Dilley, G. A. *(recipient)* Marjorie Roy Rothermel Memorial Scholarship **Ja 91**
Dils, R. R. Heat Transfer Coefficients Around Cylinders in Crossflow in Combustor Exhaust Gases (77-GT-9) (A) **JI 93**
Dilute Polymer Solutions
Turbulence Measurements in Dilute Polymer Wake Flows (77-FE-31) (A) **O 111**
Dinelli, G. An Investigation of the Physical Properties of Fly-Ash Influencing the Performance of Electrostatic Precipitators (76-WA/APC-4) (A) **Ap 103**
Dinger, H. Development of the MTU 956/1163 Twin Engine Family (77-DGP-17) (A) **D 100**
Di Pasquantonio, F. A Method for Investigating the Dynamic Behavior of a Turbomachinery Shaft on a Foundation (77-DET-16) (A) **D 102**
Dip Devices
On the Effect of the Circuit Boards' Thermal Conductivity in the Thermal Performance of a Circuit Package Employing a Dip Device (76-WA/HT-39) (A) **Je 111**
Direct-Buried Cylindrical Heat Source
Effect of Moisture Migration on the Temperature of a Direct-Buried Cylindrical Heat Source (76-WA/HT-50) (A) **Je 113**
Direct-Contact Boilers
Operational Limitations of Direct Contact Boilers for Geothermal Applications (77-HT-5) (A) **O 101**
Direct-Contact Heat Exchangers
Evaluation and Design Considerations for Liquid-Liquid Direct Contact Heat Exchangers for Geothermal Applications (77-HT-2) (A) **O 100**
Testing of Direct Contact Heat Exchangers for Geothermal Brines (77-HT-4) (A) **O 101**
Direct Firing
Particulate Deposition in Direct Fired MHD Air-Preheaters (77-HT-65) (A) **O 107**
Direct Solution Methods
Comparison of Interative and Direct Solution Methods for Substructuring (77-PVP-36) (A) **D 103**
Discharge Systems
Simulation of a Two Cylinder Compressor for Discharge Gas Pressure Oscillation Prediction (76-WA/FE-10) (A) **F 135**
Discrete-Time Control
Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite Time Settling Controlled/Observer (76-WA/Aut-8) (A) **My 93**
Discus Throw
The Dynamics of Discus Throw (76-WA/APM-34) (A) **JI 105**
Disks
The Stability of a Spinning Elastic Disk With a Transverse Load System (76-WA/APM-1) (A) **Je 109**
Three-Dimensional Evaluation of a Large Circular Disk with Circular Penetrations (76-WA/PVP-8) (A) **Mr 100**
Heat Transfer Between an Impinging Jet and a Rotating Disk (76-WA/HT-2) (A) **My 97**
Disk Brake Systems
Full-Power Parking/Emergency Brakes and Fail-Safe on Four-Wheel Disc Brake Systems (76-WA/Saf-3) (A) **Ap 95**
Straight-Air Disk Brake Systems for Heavy Vehicles (77-DE-23) (A) **S 91**
Disk Forging
Disk and Strip Forging for the Determination of Friction and Flow Strength Values (76-WA/Prod-7) (A) **JI 97**
Disk-Scraper System
Bearing Oil Delivery by Disk-Scraper Means (76-Lub-2) (A) **F 139**
Dispatching Functions
Computerized Aid for Liquid Pipeline Scheduling and Dispatching Functions (77-Pet-20) (A) **D 106**
Dispersed Droplet Flow
A Post-Dryout Heat Transfer Model Based on Actual Vapor Generation Rate in Dispersed Droplet Regime (77-HT-80) (A) **N 103**
Dispersed Droplet-in-Vapor Flows
Calculation of Two-Phase Dispersed Droplet-in-Vapor Flows Including Normal Shock Waves (76-WA/FE-31) (A) **F 137**
Dispersion-Hardened Alloys
Declamination Wear of Dispersion-Hardened Alloys (76-WA/Prod-29) (A) **JI 100**
Dispersion Modeling
Assessment of the Ambient Air Impact of Multiple Stack Industrial Plants Using Dispersion Modeling (76-Pet-70) (A) **Ja 106**
Distillates
Evaluation of a Premixed, Prevaporized Gas Turbine Combustor for No. 2 Distillate (77-GT-69) (A) **Ag 101**
Distributed Elements
An Efficient Simulation Method for Distributed Lumped Fluid Networks (76-WA/Flcs-1) (A) **Ap 101**
Ditto, D. H. Advanced Design "Magnetic Jack" Control Rod Drive Mechanism System (76-WA/NE-1) (A) **Ap 92**
Diver Face Masks
Breathing Dynamics of a Diver Face Mask Fitted With a Demand Regulator (77-DE-30) (A) **S 92**
Diver Thermal Protection
A Development Program in Diver Thermal Protection (77-ENAs-59) (A) **N 101**
Divergence
Branching Analysis at Coincident Buckling Loads of Nonconservative Elastic Systems (77-APM-30) (A) **S 98**
Dividers
Analysis, Practical Applications and Design of Unsteady Flow Machines: Dividers and Equalizers (76-WA/FE-23) (A) **F 136**
Dix, G. E. A Post-Dryout Heat Transfer Model Based on Actual Vapor Generation Rate in Dispersed Droplet Regime (77-HT-80) (A) **N 103**
Djordjevic, N. A. Performance Measurements of a Cylindrical Glass Honeycomb Solar Collector Compared with Predictions (76-WA/Sol-3) (A) **F 131**
Doctoral Candidate System
Doctorate Debate (C) **Je 51**
Doctorates
More PhD-bate (c) **O 56**
PhD-bate (C) **Ag 42**
Doctorate Degrees
To Stimulate Critical Thought (C) **D 55**
Dodd, V. R. Progress and Payout of a Machinery Surveillance and Diagnostic Program (76-Pet-69) (A) **Ja 106**
Dog Legs
Minimizing Casing Wear in Dog Legs (76-Pet-56) (A) **Ja 104**
Doherty, M. C. Investment Economics of Industrial Gas Turbines (77-GT-26) (A) **JI 94**
Domestic Oil Search
Domestic Oil Search Intensifies (BTR) **Mr 62**
Domestic Waste
Energy from Refuse (IF) **S 56**
Donaldson, I. S. A Preliminary Study of Flow and Acoustic Phenomena in Tube Banks (77-FE-7) (A) **S 100**
Donut Pump
The "Donut" Pump Comes to America! (BTR) O 64
Doty, L. F. Analysis of Arrays of Extended Surface (77-HT-31) (A) **O 103**
Douara, S An Approximate Solution for the Energy Equation with Radiant Participating Media (77-HT-70) (A) **N 102**
Double -Exposure Collectors
Double-Exposure Collectors with Mirrors for Solar-Heating Systems (76-WA/HT-16) (A) **My 99**
Dougall, R. S. Transition and Film Boiling Heat Transfer from Vertical Surfaces (77-HT-82) (A) **N 104**
Dougherty, R. L. Two-Dimensional Multiple Scattering: Comparison of Theory with Experiment (77-HT-48) (A) **O 105**
Doughty, S. Sensitivity of Torsional Natural Frequencies (76-WA/DE-18) (A) **Ap 99**; Torsional Amplitude

Growth With Resonant Forcing (76-WA/DE-20) (A) **Ap 99**

Dow, T. A. Experimental Verification of Thermoelastic Instabilities in Sliding Contact (76-Lub-21) (A) **F 143**

Downhole Heat Exchangers
Natural Convection Heat Transfer Models for Downhole Heat Exchanger Applications in Shallow Geothermal Systems (77-HT-55) (A) **O 106**

Downhole Measurements
Downhole Measurements Through Modified Drill Pipe (76-Pet-53) (A) **Ja 104**

Downhole Safety Valves
A New Leak-Free Sealing System for a Downhole Safety Valve (76-Pet-99) (A) **Ja 107**

Downhold Hydraulic Fracture
Forced Oscillation of a Down-hole Hydraulic Fracture (77-Pet-9) (A) **D 106**

Down-Sloping Inclined Pipes
Down Sloping Inclined Pipe Flow Regime Transactions (76-Pet-30) (A) **Ja 101**
Down Sloping Inclined Pipe Pressure Drop and Holdup (76-Pet-29) (A) **Ja 102**

Downs, B. Transverse Vibration of a Uniform, Simply Supported Timoshenko Beam Without Transverse Deflection (76-WA/APM-20) (A) **JI 103**

Downtime
Vibration Problems (BTR) **N 65**

Dowson, D. Isothermal Elastohydrodynamic Lubrication of Point Contacts Part III—Fully Flooded Results (76-Lub-30) (A) **F 143**; Part IV—Starvation Results (76-Lub-31) (A) **F 142**; *(recipient)* Melville Medal **Ja CR-7**

Doyle, G. R., Jr. Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) (A) **Ag 106**

Doyle, T. J. Superconductive Propulsion Motor **Ja 48**

Dracone Bladder
Rubber Bladder for Ocean Fuel Storage (BTR) **Ag 50**

Drafting
Detailing a New Diesel Engine Design Using a Three-Dimensional Interactive Graphic System (76-WA/DGP-2) (A) **Ap 100**
Drafting Competition (EN) **My 68**
1978 Drafting Competition (EN) **D 74**

Drag
Drag on a Group of Cylinders (76-Pet-42) (A) **Ja 103**

Drag Criteria
A Minimum Drag Criterion for Prisms Mounted Eccentrically in a Channel (77-FE-9) (A) **S 100**

Drag Reduction
Production and Dissipation of Energy in the Turbulent Flow of a Particle-Fluid Mixture, With Some Results on Drag Reduction (76-WA/APM-24) (A) **JI 104**
Use of Electrochemical Methods for the Study of Mass Transfer and Drag Reduction in Polymer Solutions Close to a Wall (77-FE-32) (A) **O 111**

Drain Systems
Analytical Approach for Determination of Steam/Water Flow Capability in Power Plant Drain Systems (76-WA/Pwr-4) (A) **F 133**

Drawability
On the Drawability of Sheet Metal in Noncircular Cups (76-WA/Prod-2) (A) **JI 96**

Drawbars
Effects of Drawbar Properties on the Behavior of Articulated Vehicles (76-WA/Aut-10) (A) **My 93**

Drawing Process
The Frictional Mechanism on the Surface of Metal Being Plastically Deformed by Drawing (76-WA/Prod-22) (A) **JI 98**

Dreksler, M. Y. A Technique for Rating Rotary Compressors (76-Pet-104) (A) **F 139**

Drenick, R. F. The Critical Excitation of Nonlinear Systems (77-APM-18) (A) **S 96**

Drew, D. A. Production and Dissipation of Energy in the Turbulent Flow of a Particle-Fluid Mixture, With Some Results on Drag Reduction (76-WA/APM-24) (A) **JI 104**

Driggs, C. L. Underground Compressed Air Storage Power-Parametric Analysis of Cycles and Cost for Various Concepts (76-JPGC-GT-5) (A) **Ja 111**

Drill Collars
Field Application of Externally Stress-Relieved Drill Collars (76-Pet-39) (A) **Ja 102**

Drill Pipes
Downhole Measurements Through Modified Drill Pipe (76-Pet-53) (A) **Ja 104**

Drill Pipe Protectors
An Experimental Evaluation of Drill Pipe Protectors (76-Pet-47) (A) **Ja 103**

Drill Stem Testing Tools
Status of Drill Stem Testing Tools for Offshore Applications (76-Pet-72) (A) **Ja 106**

Drill Strings
A Study of Various Methods of Drill String Make-Up (76-Pet-92) (A) **Ja 108**
Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) (A) **Ja 103**

Drill Wear
Sensing of Drill Wear and Prediction of Drill Life (76-WA/Prod-33) (A) **JI 100**

Drilling Machines
Deep-Hole Drilling Machine (IF) **F 68**

Drilling Operations
"Superdrill" for Mine Rescue (BTR) **D 56**

Drilling Platforms
Fatigue Analysis for Lattice Legs of Jack-Up Drilling Platforms (77-Pet-11) (A) **N 109**

Drilling Technology
Heavy Wall Drill Pipe—A Key Member of the Drill Stem (76-Pet-90) (A) **Ja 108**

Drinking Water
Organics in Our Reservoirs: A Rising Problem (BTR) **Ja 58**

Driverless Vehicles
Driverless Vehicles (BTR) **Mr 61**

Driving Torque
The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) (A) **Ap 99**

Droplets
Dynamics of a Vaporizing Droplet in Laminar Entry Region of a Straight Channel (77-HT-40) (A) **O 104**

Drop-Size Distributions
The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays Part I: The Drop-Size/Volume-Fraction Distribution (76-WA/GT-9) (A) **Mr 97**; Part II: The Drop-Size/Number Distribution (76-WA/GT-10) (A) **Mr 97**

Drop Weight Tear Tests
Use of a Brittle Notch DWTT Specimen to Predict Fracture Characteristics of Line Pipe Steels (77-Pet-21) (A) **D 106**

Dropwise Condensation
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) (A) **Je 104**

Drucker, E. E. Generalized Weather Functions for Computer Analysis of a Solar-Assisted HVAC Systems (76-WA/Sol-20) (A) **Mr 103**; Thermal Simulation of a Building with Solar Assisted Closed Liquid Loop Unitary Heat Pumps (76-WA/Sol-23) (A) **Mr 103**

Dry-Cooled Condensing System
Air-Cooled Condensing System: World's Largest (BTR) **Mr 55**

Dry Cooling Towers
Evaluation of Combined Thermal Storage Pond/Dry Cooling Tower Waste Heat Disposal System (77-HT-57) (A) **O 106**

Dry Ice
Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) (A) **Je 115**

Drzewiecki, T. M. Fluidic Thermistors of Fluidic Temperature Sensing With Capillaries (76-WA/TM-1) (A) **Je 104 7**

Dual-Catalyst System
Removal of Ammonia from Urine Vapor by a Dual-Catalyst System (77-ENAs-48) (A) **N 100**

Dual-Fuel Engines
Diesel and Dual Fuel Engines with Heat Recovery (77-DGP-20) (A) **D 100**

Dual-In-Line Package
On the Effect of the Circuit Boards' Thermal Conductivity in the Thermal Performance of a Circuit Package Employing a Dip Device (76-WA/HT-39) (A) **Je 111**

Dual Stream Functions
On the Solution of Three-Dimensional Metal-Forming Processes (76-WA/Prod-17) (A) **JI 98**

Dubner, R. M. The Catastrophic Failure of a Three-Bearing Steam Turbine-Generator Set (77-Pet-7) (A) **D 106**

Ducot, R. Agriculture, Food Production, and Technological Change: A Dynamic System Approach (76-WA/TS-3) (A) **My 88**

Ducts
Application of Schwarz-Neumann Technique to Fully Developed Laminar Heat Transfer in Noncircular Ducts (76-WA/HT-49) (A) **Je 112**
Effects of Slagging in MHD Generator Ducts (77-HT-59) (A) **O 106**
Free Convection of Supercritical Helium-1 in Vertical Insulated Ducts Carrying Axial Heat Flow (77-HT-8) (A) **O 101**
Improving the Work Environment can be "Duct" Soup (BTR) **JI 58**
Laminar Heat Transfer in Ducts with Viscous Dissipation and Convective Radiative Exchange at the Walls (76-WA/HT-59) (A) **Je 114**
A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (77-FE-4) (A) **S 99**

Duct Flow
Heat Transfer in Complex Duct Flows (77-HT-95) (A) **N 105**

Ductile Iron Casting
Ductile Iron Investment Casting (BTR) **O 61**

Ductile Materials
Prediction of Yield in Ductile Materials Operating at Creep Temperatures (76-WA/GT-11) (A) **Mr 98**

Dufek, W. L. A Fault Tolerant, Multiplexed Control Rod Position Detection and Indication System for Nuclear Power Plants (76-WA/NE-7) (A) **Ap 92**

Duff, W. S. Optical and Thermal Performance Analysis of Three Line Focus Collectors (76-WA/HT-15) (A) **My 100**; Solar Thermal Electric Power Systems: Manufacturing Cost Estimation and Systems Optimization (76-WA/HT-14) (A) **My 99**

Duffie, J. A. Solar Heating in North America **N 36**; Solar Heating in the United States (76-WA/Sol-8) (A) **F 131**

Dukkipati, R. V. Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) (A) **Ap 96**

Duleba, G. S. Modeling Heat Exchangers as Part of a Large System Simulation (77-ENAs-9) (A) **O 108**

Dumas, L. J. *(author)* The Conservation Response: Strategies for the Design and Operation of Energy-Using Systems (CB) **Ap 106**

Dumper Systems
Dumper-Incinerator-Boiler System (BTR) **Ag 54**

Dundurs, J. Elastic Interface Waves Involving Separation (77-APM-26) (A) **S 97**

Dunker, R. J. Experimental Study of the Flow Field Within a Transonic Axial Compressor Rotor by Laser Velocimetry and Comparison With Through-Flow Calculations (77-GT-28) (A) **JI 95**

duPlessis, M. P. A Model of a Sac-Type Artificial Ventricle in Mock Circulation (76-WA/Bio-7) (A) **JI 102**

Duplex Bayonet Tubes
Duplex Bayonet Tube Steam Generator for Liquid Metal Fast Breeder Reactor Application (76-JPGC-NE-6) (A) **Ja 112**
Structural and Thermal-Hydraulic Design of a Sodium Heated Duplex Bayonet Tube Steam Generator (76-WA/HT-74) (A) **Je 116**

Duplex Tubes
Interim Evaluation of Exposure Conditions for the Water-Side Corrosion Test of a Sodium Heated Steam Generator Evaporator Model Employing a Duplex Tube (76-JPGC-NE-5) (A) **Ja 112**

Durocher, L. L. Design Considerations in Force-Deflection Relations of Cantilever Beams (77-DE-50) (A) **S 94**

Dust Collectors
Pulse-Jet Dust Collector (C) **JI 56**

Dvorak, G. J. Thermal Stresses in Heat-Treated Fibrous Composites (76-WA/APM-13) (A) **JI 103**

Dyer, S. Ocean Engineering (C) **D 52**

Dynamic Calibration
Dynamic Calibration of the "Pogo" Pressure Transducer (BTR) **Je 54**

Dynamic Data System
Dynamic Data System: A New Modeling Approach (76-WA/Prod-24) (A) **JI 99**

Dynamic Fluid Systems
Contamination Monitoring of Fluids (BTR) **Ap 57**

Dynamic Interactions
Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) (A) **My 92**

Dynamic Membrane Technology
Dynamic Membrane Hyperfiltration Wash Water Recovery (77-ENAs-21) (A) **N 97**

Dynamic Optimization
The Use of a Random Algorithm for Dynamic Optimization of Mechanisms (76-WA/DE-22) (A) **Ap 99**
Dynamic Severity Criteria
Dynamic Severity Criterion for Design Against High Cycle Fatigue (77-DE-28) (A) **S 91**
Dynamic Simulation
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) (A) **Ap 96**
Dynamic Stability
Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) (A) **S 95**
Dynamic Stiffness
Dynamic Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) (A) **F 143**
Dynamic Vibration Absorbers
Optimal Cantilever Dynamic Vibration Absorbers (76-WA/DE-17) (A) **Mr 105**

E

Earthquake Excitation
Reliability of a High Speed Rotating Machine Subjected to Earthquake Excitation (77-DET-12) (A) **D 102**
Earthquakes
Earthquakes and Nuclear Power Plants (BTR) **Ap 59**
Earnheart, B. G. The Past, Present and Future of Section X of the ASME Boiler and Pressure Vessel Code (77-PVP-21) (A) **N 107**
Eastman, J. M. Fluidic Compressor Bleed Valve Control for Small Gas Turbine Engines (76-WA/Flcs-7) (A) **Ap 101**
EBR-II
EBR-II Ten Years Later **Ja 33**
Eccentric Mounting
A Minimum Drag Criterion for Prisms Mounted Eccentrically in a Channel (77-FE-9) (A) **S 100**
Eck, B. J. Thermal Patterns in 36-Inch Freight Car Wheels During Service Tests (76-WA/RT-11) (A) **Mr 95**
Eck, R. S. Design of a Hydraulic Longwall Coal Mining Machine (76-WA/DE-2) (A) **Mr 104**
Eckels, P. W. Contact Conductance of Mechanically Expanded Plate Finned Tube Heat Exchangers (77-HT-24) (A) **O 102**
Eckert, H. The Spacelab Environmental Control/Life Support Subsystem (77-ENAs-24) (A) **N 97**; The Spacelab Environmental Control/Life Support Subsystem (77-ENAs-24) (A) **N 97**
Eckert, W. L. Fly-Shuttle Loom Noise **Ap 40**
Ecological Impact
Ecological Impact of Rights-of-Way (BTR) **Ap 55**
Economic Analysis
Economic Analysis of Cryogenic Pipelines for Arctic Resource Recovery (77-Pet-8) (A) **N 109**
An Economic Analysis of Thermic Diode Solar Panels (76-WA/Sol-7) (A) **F 130**
Economic Conditions
You Can't Eat Moon Rocks (76-WA/Aero-7) (A) **My 96**
Economic Evaluation Methods
Power System Economics: An Evaluation of Plant Auxiliary System Incremental Kilowatt Consumption (76-WA/Pwr-2) (A) **F 133**
Economic Feasibility
A Study of the Economic Feasibility of a Thermal Energy—Storage System for Solar Heating Applications Using a PCM (76-WA/HT-63) (A) **Je 114**
Economic Growth
Energy and the Environment: A Structural Analysis (CB) **Ap 108**
Economic Growth in the Future: The Growth Debate in National and Global Perspective (CB) **Mr 107**
Our Four Interdependent Crises: Energy, Environment, Populations, & Food (CB) **Mr 107**
Increased R&D Economic Growth (NR) **D 70**
Economical Casting
Development of Economical Casting Process for NEMO-Type Acrylic Submersible Hulls (76-WA/OcE-7) (A) **My 95**
Economical Generation
Economical Generation of Three-Dimensional Finite Element Grids (77-PVP-26) (A) **N 107**
Eddy Current Losses
Development of Large Fiberglass Reinforced Plastic Dewars for Superconducting Magnets at 4 K (76-WA/PID-11) (A) **Je 107**
Eddy Viscosity
The Interrelationship Between Eddy Viscosity, Mixing Length, Entrainment and Width Growth Models in Turbulent Flows (77-FE-20) (A) **O 110**
Edelston, B. S. Assessment of Public Policy for Coal Utilization in Pennsylvania Electric Utilities (76-WA/TS-5) (A) **My 88**
Edge Cracks
Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) (A) **S 97**
The Crack-Contact and the Free-End Problem for a Strip Under Residual Stress (77-APM-3) (A) **S 94**
Fully Plastic Asymmetric Edge Crack Under Longitudinal Shear (77-APM-15) (A) **S 95**
The Problem of Internal and Edge Cracks in an Orthotropic Strip (77-APM-19) (A) **S 96**
Edison Electric Institute
Economic Growth in the Future: The Growth Debate in National and Global Perspective (CB) **Mr 107**
EEI Denies "Filthy" Accusations (NB) **D 73**
Editorials
ASME Helps Define U.S. Energy Policy **My 21**
The Bottom Line **O 25**
Engineers for ERDA **Mr 21**
Minorities and Women in Engineering: How Can We Help? **Ja 17**
New ASME Stands Formulated **F 29**
A Proving Ground **Ap 19**
A Technological Optimist **Jl 17**
Toward Credibility in Public Affairs **S 17**
On Unity of the Profession **D 17**
Why Do We Exist? (Ed) **Ag 17**
The Year in Review **Je 23**
The Young Engineer—Our Lifeblood **N 19**
Edkie, R. G. Some Experimental Investigations of Heating Effects Caused by Non-Uniform Electric Fields (76-WA/HT-44) (A) **Je 112**
Edmondson, A. J. Dynamic Testing of a Redundant Reeving Hoist (76-WA/DE-6) (A) **Mr 104**
Education
Media-Based Continuing Education (EN) **Ag 69**
Efferding, L. E. Interim Evaluation of Exposure Conditions for the Water-Side Corrosion Test of a Sodium Heated Steam Generator Evaporator Model Employing a Duplex Tube (76-JPGC-NE-5) (A) **Ja 112**; Post-Critical Heat Flux Fouling by System Corrosion Products in a Model Sodium Heated Steam Generator (76-WA/NE-12) (A) **Ap 94**; Sodium-Heated Evaporator Critical Heat Flux Experiments at Subcritical Pressure Conditions for Commercial LMFBR Plant Application (76-JPGC-NE-10) (A) **Ja 112**
Ehmsen, R. J. Heat Transfer Across Centrifugally Stabilized Liquid-Liquid Interfaces: Application to Extracorporeal Heat Exchanger Design (76-WA/Bio-9) (A) **Jl 102**
Ehrlich, S. High-Temperature Corrosion in Fluidized Bed Combustors (76-WA/CD-4) (A) **My 91**
Eiber, R. J. Use of a Brittle Notch DWTT Specimen to Predict Fracture Characteristics of Line Pipe Steels (77-Pet-21) (A) **D 106**
Eisenhofer, J. J. Feedwater Chemistry Requirements for HTGR Steam Generator (76-WA/NE-13) (A) **Ap 94**
Eiss, N. S., Jr. Finding the Real Problem (C) **Jl 51**
Ejectors
A Model for the Fluidic Port Characteristics of Ejectors (76-WA/Flcs-8) (A) **Ap 102**
Ejima, S. An Application of TF25 Gas Turbine Engine to Hovercraft Operation in Japan (77-GT-90) (A) **Ag 104**
Ekman, S. Operational and Maintenance Experience of an Industrial Type 14-MW Gas Turbine (77-GT-78) (A) **Ag 102**
El-Ariny, A. S. A Perturbation Approach to Heat Conduction with Temperature Dependent Generation and Thermal Conductivity (77-HT-28) (A) **O 103**; Thermal Entrance Region Heat Transfer in Plane Couette Flow of a Non-Newtonian Fluid (76-WA/HT-41) (A) **Je 111**
Elastic Behavior
A Review of the Elastic Solution for Fracture Pressure (76-Pet-96) (A) **F 138**
Elastic Contact Problem
The Plane Solution for the Elastic Contact Problem of a Semi-Infinite Strip and Half Plane (76-WA/APM-17) (A) **Jl 103**
Elastic Cylinders
Transient Filtration in a Porous Elastic Cylinder (76-WA/APM-16) (A) **Jl 103**
Elastic Disks
The Stability of a Spinning Elastic Disk With a Transverse Load System (76-WA/APM-1) (A) **Je 109**
Elastic Foundations
Submarine Pipeline Analysis with an Elastic Foundation by the Finite Element Method (76-WA/OcE-5) (A) **My 95**
Elastic Interface Waves
Elastic Interface Waves Involving Separation (77-APM-26) (A) **S 97**
Elastic Loop Mobility System
Planetary Rover (BTR) **F 60**
Elastic-Perfectly Plastic Models
Accuracies of Numerical Solution Methods for the Elastic-Perfectly Plastic Model (77-PVP-1) (A) **N 106**
Elastic-Plastic Response
Short Time Dynamic Elastic-Plastic Response of a Beam Due to a Time Varying Transverse Load with Application to Pipe Whip (77-PVP-56) (A) **D 105**
Elastic Seals
A New Torsional Elastic Seal for Oscillatory Motion (76-Pet-64) (A) **Ja 105**
Elastic Stress Analysis
Three Dimensional Elastic Stress Analysis of a Marine Riser Connector Assembly (76-Pet-83) (A) **Ja 108**
Elastic Systems
Branching Analysis at Coincident Buckling Loads of Non-conservative Elastic Systems (77-APM-30) (A) **S 98**
Elastic-Viscoelastic Correspondence Principle
An Alternative Representation of the Elastic-Viscoelastic Correspondence Principle for Harmonic Oscillations (77-APM-11) (A) **S 95**
Elasticity
The Elasticity of Sclera, Cornea, and Choroid, and its Implications on Scleral Rigidity and Accommodations (77-Bio-5) (A) **S 99**
Elasticity Solution of Deep Beam Under Settlement of Supports (76-WA/APM-23) (A) **Jl 104**
A Mixed Method in Elasticity (76-WA/APM-30) (A) **Jl 104**
Elastodynamics
Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) (A) **S 96**
Elastohydrodynamic Contact
Effects of Load, Speed and Surface Roughness on Sliding EHD Contact Temperatures (76-Lub-23) (A) **F 141**
Elastohydrodynamic Inlet Zone
A Microcontinuum Theory for the Elastohydrodynamic Inlet Zone (76-Lub-19) (A) **F 141**
Elastohydrodynamic Lubrication
Isothermal Elastohydrodynamic Lubrication of Point Contacts Part III—Fully Flooded Results (76-Lub-30) (A) **F 143**; Part IV—Starvation Results (76-Lub-31) (A) **F 142**
Elbestawi, M. A. A. Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) (A) **Jl 100**
Eldighidy, S. M. Deposition of Suspensions in the Entrance of a Channel (76-WA/Flcs-13) (A) **Ap 102**
Electric Automobile Batteries
"Charge It" or "Change It"? (C) **Ja 54**
Electric Automobiles
Solar-Electric Automobile (IF) **My 60**
Electric Cable Systems
Flow and Heat Transfer in Convectively Cooled Underground Electric Cable Systems: Temperature Distributions and Heat Transfer Correlations (76-WA/HT-42) (A) **Je 112**
Electric Cars
Doubling Range of Electric Cars (BTR) **Ja 62**
Electric Energy
Electric Energy Availability and Regional Growth (CB) **Je 119**
Electric Fields
Shocking? (ES) **N 20**
Some Experimental Investigations of Heating Effects Caused by Non-Uniform Electric Fields (76-WA/HT-44) (A) **Je 112**
Transient Heat and Mass Transfer to a Drop in an Electric Field (76-WA/HT-43) (A) **Je 111**
Electric Generating Stations
Air-Cooled Condensing System: World's Largest (BTR) **Mr 55**
Electric Generators
Milestone for MHD Power (BTR) **Ag 45**

Electric Locomotives
Development of a Real Time Computer Oriented Locomotive Maintenance Program (76-WA/RT-10) (A) **Mr 94**
Electrification and New Electric Locomotive Designs (76-WA/RT-7) (A) **Mr 94**
Progress in Railway Mechanical Engineering 1975–1976 Report of Survey Committee Locomotives (76-WA/RT-6) (A) **Mr 94**
Electric Overhead Traveling Cranes
Optimum Design of Bridge Girders of Electric Overhead Travelling Cranes (76-WA/DE-28) (A) **Ap 100**
Electric Power
Gas-Turbine Total Energy System for a Cement Plant (77-GT-22) (A) **Jl 94**
Geothermal Energy as a Source of Electric Power: Thermodynamic and Economic Design Criteria (CB) **Ap 108**
Electric Power Generation
Koppers-Totzek Gasification for Electric Power Generation (76-JPGC-Fu-1) (A) **Ja 111**
Liquefied Natural Gas Imports: The Potential for Additional Sources of Natural Gas for Electric Power Generation (76-JPGC-Fu-3) (A) **Ja 111**
Electric Power Research Institute
On the Right Track? (C) **Jl 49**
Electric Utilities
Assessment of Public Policy for Coal Utilization in Pennsylvania Electric Utilities (76-WA/TS-5) (A) **My 88**
Dampening Peak Load Growth (ES) **Ag 19**
Gas Turbine Engineers Highlight New Fuels, Materials, Applications **My 74**
Ripping Off the Utilities (ES) **Ap 20**
Electric Vehicle Expo
International Electric Vehicle Expo Slated for Chicago (NR) **Ap 70**
Electric Vehicle Propulsion
Electrochemical Energy Conversion: Part 1—Electric Vehicle Propulsion **Je 30**
Electrical Conductance
Effects of Wall Electrical Conductance and Induced Magnetic Field on MHD Channel Heat Transfer with Developing Thermal and Velocity Fields (77-HT-63) (A) **O 107**
Electrical Engineers
UPADI Conference Slated for Chile (NR) **S 62**
Electrical Engineering
Engineering Manual: A Practical Reference of Design Methods and Data in Building Systems, Chemical, Civil, Electrical, Mechanical, and Environmental Engineering and Energy Conversion (CB) **Mr 108**
Electrical Impulses
Telltale Pulses from Pen and Tablet (BTR) O 64
Electrical Industry
Electrifying Highs Expected (NB) **Ja 74**
Electrical Power
The Economics and Requirements of the Helium Refrigerator System for Superconducting Power Transmission Application (76-WA/PID-3) (A) **Je 106**
Electricity
Rural Electrification? (ES) **N 20**
Solar Heat's Competitive with Electricity (ES) **My 23**
The Year 2005: A Backward Look **N 83**
Electricity Costs
An Approach for Determining the Impact of Peak Coolant Temperature on Fusion Reactor Size and Electricity Costs (77-HT-73) (A) **N 103**
Electricity Generation
The Future with Fusion Power **Ap 22**
Hot Rocks (EN) **S 68**
U.S. Airlifts Super Magnet to Soviet Union (BTR) **O 67**
Electricity Pricing
A Push for Peak Load Pricing (ES) **D 19**
Electrification
Electrification and New Electric Locomotive Designs (76-WA/RT-7) (A) **Mr 94**
Progress in Railway Mechanical Engineering 1975–1976 Report of Survey Committee Locomotives (76-WA/RT-6) (A) **Mr 94**
Electrochemical Carbon Dioxide Concentration
Camparison of Electrochemical Carbon Dioxide Concentration Methods Using Different Electrolytes (77-ENAs-3) (A) **O 108**
Electrochemical Energy
Electrochemical Energy Conversion: Part 1: Electric Vehicle Propulsion **Je 30**; Part 2: Utilities, Marine and Space Applications **Jl 28**
Electrochemical Machining
Theoretical and Experimental Study of Workpiece Geometry in Electrochemical Machining (76-WA/Prod-6) (A) **Jl 97**
Electrochemical Methods
Use of Electrochemical Methods for the Study of Mass Transfer and Drag Reduction in Polymer Solutions Close to a Wall (77-FE-32) (A) **O 111**
Electrodialysis System
Cooling Water Salinity and Brine Disposal Optimized with Electrodialysis Water Recovery/Brine Concentration System (76-WA/Pwr-3) (A) **F 133**
Electro-Discharge Machining
Investigation of Surface Temperature in Electro-Discharge Machining (76-WA/Prod-8) (A) **Jl 97**
Electrohydraulic Knee-Torque Controller
An Electrohydraulic Knee-Torque Controller for a Prosthesis Simulator (76-WA/Bio-10 (A) **Jl 102**
Electrohydrodynamical Coupling
Electrohydrodynamically Coupled Film Boiling (76-WA/HT-48) (A) **Je 112**
Electrolytes
Comparison of Electrochemical Carbon Dioxide Concentration Methods Using Different Electrolytes (77-ENAs-3) (A) **O 108**
Electrolytic Urine Pretreatment
Removal of Contaminant Gases from an Electrolytic Urine Pretreatment Process (77-ENAs-61) (A) **N 101**
Electromechanical Cables
Cable Kinking Analysis and Prevention (76-WA/DE-4) (A) **Mr 104**
Electromechanical Printers
From Impact to Laser Printer (IF) **O 72**
Electron Beam Welding
Investigation of Spiking in Electron Beam Welding Using Stationary Stochastic Models (76-WA/Prod-10) (A) **Jl 97**
Electronic Assemblies
Optimum Natural Convection Cooling of Electronic Assemblies (77-DE-37) (A) **S 92**
Electronic Computers
New Career Paths in Engineering: The Computer—The Engineer's Tool **My 46**
Electronic Control Systems
A Comparison ECS Controls (77-ENAs-8) (A) **O 108**
Electronics Age
Railroads in the Electronics Age (NR) **Je 71**
Electroslag Remelting
Improved 2¼ Cr-1 Mo Pressure Vessel Steel Through Electroslag Remelting (76-Pet-1) (A) **Ja 98**
Electrostatic Cooling
Electrostatic Cooling (77-DE-36) (A) **S 92**
Electrostatic Precipitators
How to Get Flyash (ES) **N 20**
An Investigation of the Physical Properties of Fly-Ash Influencing the Performance of Electrostatic Precipitators (76-WA/APC-4) (A) **Ap 103**
Mechanical and Structural Design Consideration for Internals in Electrostatic Precipitators (76-WA/Pwr-7) (A) **F 133**
Elevated Pipelines
Effect of an Elevated Pipeline on Ground Temperature (76-WA/HT-56) (A) **Je 113**
Elevated Temperatures
Diffusion of Heat in Concrete at Elevated Temperatures (76-WA/HT-79) (A) **Je 116**
Elfarr, J. The Chamber Pump and its Application to Hot Wells (76-Pet-91) (A) **Ja 108**
Elkins, W. A Portable Personal Cooling System for Mine Rescue Operations (77-ENAs-53) (A) **N 100**
Elkotb, M. M. Fuel Spray Trajectory in Diesel Engines (77-DGP-1) (A) **D 100**
Ellenberger, W. J. Considerable Heat (C) **O 57**
Elliott, J. L. The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) (A) **Ap 99**
Elmendorf, R. G. Beyond Galaxies (C) **S 45**
Elsayed, E. A. Analysis of a Two-Link Fixed-Conveyor System with Multiple Poisson Inputs and Outputs (76-WA/MH-1) (A) **My 90**
Elsevier's Telecommunication Dictionary
Elsevier's Telecommunication Dictionary (CB) **Ja 115**
Emergency Brakes
Full-Power Parking/Emergency Brakes and Fail-Safe on Four-Wheel Disc Brake Systems (76-WA/Saf-3) (A) **Ap 95**
Emergency Escape Breathing Apparatus
Emergency Escape Breathing Apparatus for Ships (77-ENAs-58) (A) **N 101**
Emergency Shutdown Systems
Emergency Shutdown Systems—Evolution and Status (76-Pet-102) (A) **F 139**
Emerson, P. D. Economic Impact of a 90-dBA Noise Standard on Textile Spinning Operations (77-RC-15) (A) **Ag 108**; Fly-Shuttle Loom Noise **Ap 40**
Emery, A. F. A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (77-FE-4) (A) **S 99**
Emitter Coupled Logic
16-Megabyte Memory (BTR) **Ja 62**
Employment
Pensions, Patents, Employment—How Can ASME Help? **N 86**
The True Source of Jobs—And Joblessness (NB) **Mr 75**
Employment Guidelines
Employment Guidelines for Consulting Engineers (NR) **My 62**
Employment Prospects
Engineering Job Outlook: 1974-1975 Trends and Prospects (EN) **D 75**
Good Employment Prospects for Engineering Graduates (EN) **My 67**
Job Prospects Good But Competition Keen (EN) **F 76**
Rising Job Market (EN) **D 74**
Emulsions
Transport of Crude Oil as Oil-in-Water Emulsions (77-FE-26) (A) **O 110**
Encephalographs
Magnetic Encephalograph (BTR) **N 62**
Enclosed Chambers
The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) (A) **Je 114**
Enclosures
Insuring Mechanical Integrity of Plastic Enclosures (77-DE-13) (A) **S 89**
Radiation Augmented Fires Within Enclosures (77-HT-98) (A) **N 105**
Energetics
Application of the Ice-Maker Pump to an Annual Cycle Energy System (76-WA/Ener-4) (A) **Ap 105**
Biomechanics and Energetics of Muscular Exercise (CB) **N 112**
An Economic Evaluation of Small-Scale Wind Powered Electric Generation Systems (76-WA/Ener-1) (A) **Ap 104**
Hydroretorting of Oil Shale and Nuclear Process Heat (76-WA/Ener-3) (A) **Ap 105**
Tornado-Type Wind Energy System: Basic Consideration (76-WA/Ener-2) (A) **Ap 104**
Energy
Congress Clues in Engineers, Legislators Look at Energy and Environmental Laws (NR) **Ag 60**
The Department of Energy: Some Questions and Answers (WW) **S 70**
Energy vs. Environment? (ES) **O 26**
Energy—Fluid Fuels from Solids **N 30**
Energy-Based Fatigue Damage
An Energy-Based Fatigue and Creep-Fatigue Damage Parameter (77-PVP-3) (A) **N 106**
Energy Boom Towns
Instant Cities (ES) **Ag 18**
Energy Conference
Engineers Ask Carter for a White House Energy Conference (NR) **Ap 69**
Energy Conservation
Aggressive Conservation (BTR) **N 61**
Application of Basic Energy Conservation Principles to the Design of Rough Vacuum Systems (76-WA/PID-17) (A) **Je 108**
The Conservation Potential (ES) **Jl 22**
The Conservation Response: Strategies for the Design and Operation of Energy-Using Systems (CB) Ap 106
Energy Conservation in Industry **Jl 78**
Energy Conservation-Steam Management in a Refinery (76-Pet-73) (A) **Ja 106**
How Much Insulation? (ES) **Jl 23**
The Potential of Medium Purity Oxygen in Energy Conservation (76-WA/PID-7) (A) **Je 107**
Reduce Ventilation/Save Energy (ES) **Jl 22**
Scanning the Plan's Chances (WW) **Je 82**
Zero Growth for Home Energy Use? (ES) **F 31**
Energy Conservation Potentials
Solar Heating and Cooling and Energy Conservation Po-

tentials for Commercial Buildings (76-WA/Sol-17) (A) **F 132**
Energy Conservation Program
What's New? (ES) **O 26**
Energy Consumption
What Influences Energy Use? (ESO) **Ag 18**
Energy Conversion
ASME Reports to the Nation U.S. Energy Conversion Research Needs **N 22**
Electrochemical Energy Conversion: Part 1—Electric Vehicle Propulsion **Je 30**; Part 2—Utilities, Marine and Space Applications **Jl 28**
Engineering Manual: A Practical Reference of Design Methods and Data in Building Systems, Chemical, Civil, Electrical, Mechanical, and Environmental Engineering and Energy Conversion (CB) **Mr 108**
A Pressurized Liquid Concept for Solar-Thermal Energy Storage for the 24-Hour Continuous Operation of an Energy Conversion System (76-WA/HT-38) (A) **Je 111**
Energy Conversion Research
Energy Conversion Research—An Assessment of Need in the U.S.A. (76-WA/RGPC-6) (A) **Jl 95**
Energy Costs
Turbine Systems to Reduce Petroleum Refining and Petrochemical Plant Energy Costs (76-Pet-62) (A) **Ja 105**
Energy Crisis
Conservation, Conversion, and Renewable Energy Sources (NR) **N 70**
Energy in an Age of Limited Availability and Delimited Applicability (CB) **Ag 112**
The Energy Syndrome: Comparing National Responses to the Energy Crisis (CB) **N 111**
Harris Polls Public on Energy. . . (ES) **Ja 18**
Perspectives on the Energy Crisis: Technical, Regulatory, Environmental, Economic, Prospective. Vol. 1 (CB) **S 103**
Trends in Petrochemical Technology: The Impact of the Energy Crisis (CB) **Je 118**
What's Holding Up Coal Gasification? **Ag 32**
Energy Demand Studies
Energy Demand Studies: Major Consuming Countries; Analyses of 1972 Demand and Projections of 1985 Demand (CB) **Je 118**
Energy Demands
Lower Demands/A New Energy Mix (ES) **Ap 21**
Energy-Effective Building
Collaborative Utilization of Computing Techniques to Achieve Energy-Effective Design of Buildings (76-WA/HT-23) (A) **My 100**
Energy Efficiency Assessment
A "Second Law" Energy Index (ES) **Jl 23**
Energy Encyclopedia
McGraw-Hill Encyclopedia of Energy (CB) **Ap 106**
Energy Equations
An Approximate Solution for the Energy Equation with Radiant Participating Media (77-HT-70) (A) **N 102**
Energy Extension Services (EES)
Hot Line on Energy (NB) **N 75**
Energy Management Education
Simulation-Gaming in Energy Management Education **Mr 29**
Energy Managers' Handbook
The Energy Managers' Handbook (CB) **O 113**
Energy Organizations
News from the White House, Congress, and the Courts (WW) **F 80**
Energy Planning & Policy
Energy Planning and Policy: The Political Economy (CB) **Ap 106**
Energy Policies
Another Look at the Policy (ES) **D 18**
ASME Helps Define U.S. Energy Policy (Ed) **My 21**
Energy Policies of the World: Vol. 1, Canada, China, Arab States of the Persian Gulf, Venezuela, Iran. Vol. 2, Indonesia, the North Sea Countries, the Soviet Union (CB) **Ag 112**
Energy Policy Implications (C) **Jl 48**
Energy Policy Recommendations (C) **Ag 43**
Energy Thoughts (C) **F 57**
Strenuous Objection (C) **Ag 42**
Energy Prices
The Fuel Price Spiral (ES) **N 21**
Energy Production
Health Effects of Energy Production (NB) **S 65**
Energy Production Dissipation
Production and Dissipation of Energy in the Turbulent Flow of a Particle-Fluid Mixture, With Some Results on Drag Reduction (76-WA/APM-24) (A) **Jl 104**
Energy Programs
Carter Energy Program Evaluated at First ETCE **D 83**
Energy-Related Inventions
Inventors Welcome (ES) **N 21**
Energy Release
The Energy Release to Static Gas from a 12-Joule High Energy Ignition System (77-GT-18) (A) **Jl 93**
Energy Research
Support for Study and Research in Energy (EN) **Ap 73**
Energy Research Alternatives
ERA II Competition (EN) **Je 78**
Energy Research and Development Administration (ERDA)
Engineers for ERDA (Ed) **Mr 21**
Third Biennial Conference and Workshop on Wind Energy Conversion Systems (WECS), preview (NR) **Jl 69**
Toward Clean Coal (BTR) **Ja 56**
Energy Resource Alternatives
Winning Projects in the Energy Resource Alternatives Competition (EN) **S 66**
Energy Resources
Energy Resources and the Environment (CB) **Mr 108**
How Much Is There? Who Knows? (ES) **Jl 23**
A Solid Waste Package Deal-Energy and Materials from Garbage **D 24**
Energy Resources Gamed Simulation
Simulation-Gaming in Energy Management Education **Mr 29**
Energy Revolution
Conservation: Cornerstone of a National Energy Policy (BTR) **Mr 55**
Energy Savings
Energy Savings for an Energy Saver (ES) **Ap 20**
How to Save 5% of Our Energy **S 32**
How to Save 15 Billion kWh/yr (BTR) **O 60**
Putting the Brakes on the 50-cent Fare (EN) **S 68**
A Sensible Approach to a Sound Energy Policy **Ap 44**
Energy Shortage
How Serious Is Energy Shortage? (ES) **Ja 18**
Energy Sources
Alternative Energy Sources (CB) **Jl 106**
Alternative Energy Sources: A National Symposium (NR) **Ap 68**
Energy from Marine Biomass (BTR) **N 57**
Energy from Refuse (IF) **S 56**
Energy from Solid Wastes (CB) **F 144**
An Environmental Curse (ES) **O 26**
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**
Precious Garbage (EN) **N 77**
The Twin Swords of Damocles (ES) **O 27**
Energy Storage
Development of Large Fiberglass Reinforced Plastic Dewars for Superconducting Magnets at 4 K (76-WA/PID-11) (A) **Je 107**
Flywheels for Energy Storage: A Review with Bibliography (76-DET-96) (A) **Jl 105**
Heat Transfer in Solar Energy Storage (77-HT-38) (A) **O 104**
Hot Rock Storage System (BTR) **Ag 48**
Hot Rocks (EN) **S 68**
Low-Loss Energy Storage Flywheel (BTR) **S 48**
Turbo Machinery Systems for Compressed Air Energy Storage (76-JPGC-GT-1) (A) **Ja 111**
Energy Technologies
The Impact of the New Energy Technologies **My 24**
Energy Terminals
Energy Terminal Wins Award (NB) **Je 76**
Energy and Weather
Energy and the Weather—A Strong Link (BTR) **S 53**
Eng, K. Y. Sodium Heated Steam Generator Tube Wastage Due to Water/Steam to Sodium Leaks—Theory and Correlation (76-WA/HT-77) (A) **Je 116**
Engel, F. C. Heat Transfer Tests of an Electrically Heated 7-Rod Mock-Up of an LMFBR Radial Blanket Assembly (76-WA/HT-80) (A) **Je 116**
Engel, P. A. The Optimal Wearpath Principle (76-Lub-28) (A) **F 142**
Engine Cycle Selection
Engine Cycle Selection and Propulsion System Integration for Future High Performance Fighter Aircraft (77-GT-101) (A) **Ag 105**
Engine Testing
Computerized Engine Testing—A Better Way **F 42**
Engineer Recruiting
Engineering Offers Hit All-Time High (EN) **O 80**
Engineering
The Alchemists: Fear and Wonderment **Jl 24**
Chile Hosts Pan American Congress of Engineering (NR) **Ja 72**
Engineering Hires Up (EN) **Ag 68**
Engineering Job Outlook: 1974-1975 Trends and Prospects (EN) **D 75**
Exploring Engineering (EN) **Je 79**
Finite Element and Finite Difference Methods in Engineering (77-DE-45) (A) **S 93**
Introducing Engineering at Notre Dame (EN) **Jl 71**
Promoting Effective Coordination Among Marketing Engineering and Manufacturing (77-DE-7) (A) **S 89**
Right on Target (C) **D 54**
What Communication Means (C) **O 55**
Engineering Achievements
"Genius" at Work (NR) **O 78**
1976 Outstanding Engineering Achievements (NR) **Je 74**
Engineering Adhesives
A Sticky Problem (NB) **F 75**
Engineering Awards
Fulbright-Hays Awards in Engineering (EN) **Mr 77**
Engineering Breakthroughs
Engineering Breakthroughs Revealed at Textile Engineering Conference **S 81**
Engineering Career Paths
New Career Paths in Engineering: Applications of Solar Energy **O 50**
New Career Paths in Engineering: The Computer—The Engineer's Tool **My 46**
New Career Paths in Engineering Geothermal Energy **N 50**
New Career Paths in Engineering—Materials: The Stuff of Which Things Are Made **Ag 38**
New Career Paths in Engineering: Ocean Energy **Jl 46**
New Career Paths in Engineering: Ocean Engineering **S 42**
New Career Paths in Engineering—Preparing for an Engineering Career **Ap 48**
Engineering Center Dedication
Engineering Center Dedicated to "A Living Legend" (NR) **Je 75**
Engineering Curriculum
Improving Introductory Engineering Curriculum (EN) **Ap 73**
Engineering Design Time Savings
Engineering Design Time Savings (BTR) **Je 54**
Engineering Economics
Engineering Economic Analysis (CB) **Mr 107**
Engineering Economics (CB) **D 108**
Engineering Economy
Principles of Engineering Economy (CB) **N 112**
Engineering Education
Behind Every Apathetic Engineer Lies an Engineering Education **S 73**
Engineering Education for Practice (EN) **My 66**
Engineering Ethics
Engineering Ethics—A New Imperative in Engineering Education (76-WA/TS-16) (A) **My 90**
Engineering Ethics and the Public Interest (76-WA/TS-9) (A) **My 89**
National Project Launched on Engineering Ethics (EN) **O 80**
Engineering Exchange Programs
University Engineering Exchange Program (EN) **Jl 70**
Engineering Foundation
Engineering Foundation Sponsors Fellowship Grants (NR) **Mr 74**
Engineering Graduates
Good Employment Prospects for Engineering Graduates (EN) **My 67**
Engineering Index
1977 Engineering Index Rates **F 125**
Engineering Management
Engineering Management—A Challenge in Leadership **F 45**
Engineering Management Conference Slated for Cincinnati (NR) **Ag 66**
Engineering Minorities
President's Page Reactions (C) **My 49**
Engineering Profession
On Unity of the Profession (Ed) **D 17**
Engineering Professionalism
Last Word on Professionalism (C) **Mr 53**

Engineering Professionals
A Learning Program for Engineering and Scientific Professionals in the Oil and Gas Industry Concerning Metrication and SI Units (76-Pet-10) (A) **Ja 99**
Engineering Progress
Low S/N Ratio Hampers Engineering Progress **Ag 26**
Engineering Recruitment
Retention of Women and Blacks a Major Problem in Recruitment (EN) **Ap 72**
Engineering Registration
Phasing in Respect (C) **Mr 51**
What Do You Think About Professional Registration? **Ja 84**
Engineering Requirements
Managing Environmental Monitoring Programs to Meet Engineering and Licensing Requirements for Power Plants (76-WA/Pwr-9) (A) **F 133**
Engineering Research Grants
Engineering Research Grants (NR) O 75
Engineering Responsibility
Education for Engineering Responsibility **D 81**
Engineering Scholarships
National Engineering Scholarships (EN) **F 77**
Engineering Societies Publications
Scientific, Engineering, and Medical Societies Publications in Print 1976–1977 (CB) **Ap 107**
Engineering Tools
Heat Transfer in Formation as a Geothermal Reservoir Engineering Tool (77-HT-88) (A) **N 105**
Engineers
Conflict Management for Engineers (77-DE-6) (A) **S 88**
Developing Creativity in Engineers **Ag 29**
Engineers and Their Associates **Ag 75**
Women Ph.D.'s: Not Faring Well (NB) **Mr 75**
The Young Engineer—Our Lifeblood (Ed) **N 19**
Engineers' Association
Association Recommendation (C) **Mr 51**
Engineers' Council for Professional Development
Accredited by ECPD (EN) **O 81**
Engineers' Income Ranges
Engineers' Pay Lags (NR) **F 75**
Engineers Joint Council
An Engineer for EPA (NR) **Mr 74**
Engineers' Salaries
Salary Story at UMC (EN) **Ja 75**
Saving the Engineer's Salary and Status (WW) **Ap 76**
Engineers' Unions
For Unions (C) **Mr 52**
Enscore, E. E. A Computer Simulation Model for Determining Fleet Size and Composition (76-WA/Mgt-1) (A) **Je 104**
Entrainment
The Interrelationship Between Eddy Viscosity, Mixing Length, Entrainment and Width Growth Models in Turbulent Flows (77-FE-20) (A) **O 110**
Entry Flow
Entry Flow in Straight and Curved Channels With Slender Channel Approximations (77-FE-2) (A) **S 99**
Entry Regions
Dynamics of a Vaporizing Droplet in Laminar Entry Region of a Straight Channel (77-HT-40) (A) **O 104**
Environment
Energy vs. Environment? (ES) **O 26**
The Environment Meets New Industrial Processes (ES) **O 26**
Environmental Activists
EEI Denies "Filthy" Accusations (NB) **D 73**
Environmental Control Systems
Dynamic Analysis Environmental Control Systems the "EASY" Way (77-ENAs-6) (A) **O 108**
A Fluidically-Controlled Aircraft Environmental Control System Breadboard (76-WA/Flcs-3) (A) **Ap 101**
A Representative Shuttle Environmental Control System (77-ENAs-25) (A) **N 97**
A Rotating High Pressure Water Condenser and Separator (77-ENAs-10) (A) **O 108**
Environmental Engineering
Engineering Manual: A Practical Reference of Design Methods and Data in Building Systems, Chemical, Civil, Electrical, Mechanical, and Environmental Engineering and Energy Conversion (CB) **Mr 108**
Environmental Health
Need More Women in Environmental Health (EN) **F 76**
Environmental Impact Statement
The Environmental Impact Statement Expectations and Results (77-RC-2) (A) **Ag 108**
Environmental Laws
Congress Clues in Engineers, Legislators Look at Energy and Environmental Laws (NR) **Ag 60**
Environmental Law for Engineers, Scientists, and Managers (CB) **S 104**
Environmental Monitoring Programs
Managing Environmental Monitoring Programs to Meet Engineering and Licensing Requirements for Power Plants (76-WA/Pwr-9) (A) **F 133**
Environmental Monitoring Satellite
Hurricane Watch from Space (BTR) **S 52**
Environmental Pollution
Judgment Reserved, A Landmark Environmental Case (CB) **Ag 113**
The Social Burdens of Environmental Pollution Comparative Metropolitan Data Source (CB) **D 109**
Environmental Preservation
Energy and the Environment: A Structural Analysis (CB) **Ap 108**
Environmental Problems
The Environment: Two Approaches (WW) **Jl 74**
Switch and Fight (ES) **N 20**
Environmental Protection Agency
An Engineer for EPA (NR) **Mr 74**
EPA Defended (C) **F 56**
Measuring Air Pollution: What Does it Mean? **Jl 84**
NRC Says EPA Needs Help (ES) **My 22**
Pollution Parlance (C) **My 49**
Sizing Up Our Pollution Problems (WW) **Ag 72**
Status of EPA's Residential Space Heating Research Program—1976 (76-WA/Fu-4) (A) **Je 103**
Environmental Research
Environmental and Conservation Research Needs in the Eighties (76-WA/RGPC-2) (A) **Jl 96**
Internship in Environmental Research (EN) **Ap 73**
Environmental Research & Development Administration
ERDA May Reroute Photovoltaic R&D (ES) **N 20**
Inventors Welcome (ES) **N 21**
Environmental Standards
The Need for Cost/Benefit Analysis When Developing Environmental Standards (77-GT-89) (A) **Ag 104**
Environmental Systems
Aerothermal and Rain Erosion Behavior of Selected Candidate Plastic Radome Materials in Mach 5 Sled Tests (77-ENAs-16) (A) **N 96**
"CABOS"—Shipboard Sewage Treatment System (77-ENAs-46) (A) **N 100**
Carbon Dioxide Absorption in Packed Beds of Alkaline Carbonate Materials (77-ENAs-17) (A) **O 109**
Catalytic Oxidation of Strong Waste Waters (77-ENAs-1) (A) **O 108**
Chemical Flocculation of Complex Oily Wastewaters (77-ENAs-38) (A) **N 99**
A Closed Life-Support System for Space Colonies (77-ENAs-18) (A) **O 109**
CO_2 and Humidity Removal System for Extended Shuttle Missions: CO_2, H_2O, and Trace Contaminant Equilibrium Testing (77-ENAs-4) (A) **O 108**
A Comparison of ECS Controls (77-ENAs-8) (A) **O 108**
Comparison of Electrochemical Carbon Dioxide Concentration Methods Using Different Electrolytes (77-ENAs-3) (A) **O 108**
A Continuous Shipboard Laundry Wastewater Treatment and Recycling System (77-ENAs-40) (A) **N 99**
Development of an Advanced Combined Iodine Dispenser/Detector (77-ENAs-30) (A) **N 97**
Development of an In Situ Calibration Technique for Combustible Gas Detectors (77-ENAs-22) (A) **N 97**
Development of a Lightweight Long-Life Heat Exchanger (77-ENAs-29) (A) **N 97**
A Development Program in Diver Thermal Protection (77-ENAs-59) (A) **N 101**
Development of a Prototype Regenerable Carbon Dioxide Absorber for Portable Life Support Systems (77-ENAs-54) (A) **N 100**
Development Status of a Preprototype Water Electrolysis System (77-ENAs-34) (A) **N 98**
The Development and Testing of a Regenerable CO_2 and Humidity Control System for Shuttle (77-ENAs-27) (A) **N 98**
Development of a Three-Man Preprototype CO_2 Collection Subsystem for Spacecraft Application (77-ENAs-19) (A) **N 96**
Development of a Three-Man Preprototype Independent Air Revitalization Subsystem (IARS) (77-ENAs-31) (A) **N 97**
Dynamic Analysis Environmental Control Systems the "EASY" Way (77-ENAs-6) (A) **O 108**
Dynamic Membrane Hyperfiltration Wash Water Recovery (77-ENAs-21) (A) **N 97**
Emergency Escape Breathing Apparatus for Ships (77-ENAs-58) (A) **N 101**
Fabrication and Comparative Performance of Three Variable Conductance Heat Pipe Concepts (77-ENAs-42) (A) **N 99**
Fluid Loop Systems for Use in Spacecraft Thermal Control (77-ENAs-13) (A) **O 109**
Food and Medical Sample Freezer Kit Concept for Shuttle (77-ENAs-23) (A) **N 97**
Hollow Fiber Membranes for Advanced Life Support Systems (77-ENAs-43) (A) **N 99**
Improved Waste Water Vapor Compression Distillation Technology (77-ENAs-20) (A) **N 96**
Investigation of Low-Temperature Carbon Monoxide Oxidation Catalysts (77-ENAs-28) (A) **N 98**
KO$_2$ Reactions with CO_2 and H_2O in Air (77-ENAs-12) (A) **O 108**
Mathematical and Physical Models of Ocean Outfall Performance (77-ENAs-52) (A) **N 100**
Modeling Heat Exchangers as Part of a Large System Simulation (77-ENAs-9) (A) **O 108**
Modular Heat Pipe Radiator (77-ENAs-39) (A) **N 99**
A New Avionics Thermal Control Concept (77-ENAs-14) (A) **N 96**
The Performance of the Water Bubbler Heat Sink for the EF-111 Aircraft (77-ENAs-14) (A) **N 96**
A Portable Personal Cooling System for Mine Rescue Operations (77-ENAs-53) (A) **N 100**
Preliminary Design of a Preprototype Water Quality Monitor (77-ENAs-36) (A) **N 99**
The Preparation of Calcium Superoxide at Subambient Temperatures and Pressures (77-ENAs-55) (A) **N 100**
Rain Erosion Considerations for Launch Vehicle Insulation Systems (77-ENAs-15) (A) **O 109**
Reforming of Glucose and Wood at the Critical Conditions of Water (77-ENAs-2) (A) **O 108**
Regenerative Life Support Evaluation (77-ENAs-35) (A) **N 98**
Removal of Ammonia from Urine Vapor by a Dual-Catalyst System (77-ENAs-48) (A) **N 100**
Removal of Contaminant Gases from an Electrolytic Urine Pretreatment Process (77-ENAs-61) (A) **N 101**
Removal of Suspended and Colloidal Solids from Waste Streams by the Use of Cross-Flow Microfiltration (77-ENAs-51) (A) **N 100**
Renovation of Waste Shower Water by Membrane Filtration (77-ENAs-60) (A) **N 101**
A Representative Shuttle Environmental Control System (77-ENAs-25) (A) **N 97**
A Rotating High Pressure Water Condenser and Separator (77-ENAs-10) (A) **O 108**
Space Construction Base Support Requirements for Environmental Control and Life Support Systems (77-ENAs-44) (A) **N 99**
Space Shuttle Orbiter Radiator System (77-ENAs-33) (A) **N 98**
A Space Station for the 1980's—A Look at the Next Generation of Operational Systems and Their Functional Requirements (77-ENAs-37) (A) **N 98**
Space Station Prototype Advanced Life Support System Hardware Testing (77-ENAs-32) (A) **N 98**
The Spacelab Environmental Control/Life Support Subsystem (77-ENAs-24) (A) **N 97**
Thermal Control Design and Performance of Air Force Satellite STP P72-1 (77-ENAs-41) (A) **N 99**
Thermal Design of the IUE Hydrazine Auxiliary Propulsion System (77-ENAs-45) (A) **N 99**
Ultrafiltration of Black and Gray Wastewater (77-ENAs-57) (A) **N 101**
Urea Transport Through Composite Polyallylamine Membranes (77-ENAs-5) (A) **O 108**
U.S. Army Field Medical Equipment Developments for Cold Region Operations (77-ENAs-56) (A) **N 100**
Variable Geometry Air Cycle Machine (77-ENAs-7) (A) **O 108**
Wash Water Reclamation Technology for Advanced Manned Spacecraft (77-ENAs-50) (A) **N 100**
Waste Management for Shuttle (77-ENAs-26) (A) **N 98**
Waste Resources—Problems and Promise (77-ENAs-49) (A) **N 100**
Water and Wastewater Reclamation in a 21st Century Space Colony (77-ENAs-47) (A) **N 100**
Epelboin, I. Use of Electrochemical Methods for the Study of Mass Transfer and Drag Reduction in Polymer

Solutions Close to a Wall (77-FE-32) (A) **O 111**

Ephraim, M., Jr. Electrification and New Electric Locomotive Designs (76-WA/RT-7) (A) **Mr 94**

Epoxy Fiberglass Dewar
Development of Large Fiberglass Reinforced Plastic Dewars for Superconducting Magnets at 4 K (76-WA/PID-11) (A) **Je 107**

Epoxy-Impregnated Winding Composites
Transient Thermal Analysis of Epoxy-Impregnated Superconducting Windings in Linearly Ramped Fields (77-HT-77) (A) **N 103**

Epoxy-Matrix Composites
Advanced Composites: Design Technology Transfer for Aerospace **Je 36**

Eppink, A. Engineering Education (C) **S 47**

Epstein, H. I. Stresses in Floating Roofs (76-Pet-74) (A) **Ja 106**

Epstein, M. Stability of a Submerged Frozen Crust (76-WA/HT-81) (A) **Je 116**

Equal Employment Opportunity Commission (EEOC)
Employment Guidelines for Consulting Engineers (NR) **My 62**

Equalizers
Analysis, Practical Applications and Design of Unsteady Flow Machines: Dividers and Equalizers (76-WA/FE-23) (A) **F 136**

Equilateral Prisms
A Minimum Drag Criterion for Prisms Mounted Eccentrically in a Channel (77-FE-9) (A) **S 100**

Equilibrium Relationships
CO and Humidity Removal System for Extended Shuttle Missions: CO, H_2O, and Trace Contaminant Equilibrium Testing (77-ENAs-4) (A) **O 108**

Equipment Design
Building and Equipment Seismic Response for PWR Plants (76-WA/PVP-14) (A) **Mr 101**

Equipment Maintenance
Training Requirements to Accompany Advancement and Technology—A Manufacturer's and Supplier's Viewpoint (76-Pet-7) (A) **Ja 99**

Equipment Suppliers
Utility-Supplier Cooperation (ES) **Ag 18**

Erdman, A. G. Flywheels for Energy Storage: A Review with Bibliography (76-DET-96) (A) **Jl 105**; LINCAGES: **L**inkages **IN**teractive **C**omputer **A**nalysis and **G**raphically **E**nhanced **S**ynthesis **P**ackage (77-DET-5) (A) **D 101**

Erdogan, F. The Crack-Contact and the Free-End Problem for a Strip Under Residual Stress (77-APM-3) (A) **S 94**; The Problem of Internal and Edge Cracks in an Orthotropic Strip (77-APM-19) (A) **S 96**

Erickson, A. C. Development Status of a Preprototype Water Electrolysis System (77-ENAs-34) (A) **N 98**

Ermakov, G. Superheated Liquids: Thermophysical Properties, Homogeneous Nucleation and Explosive Boiling-Up (77-HT-87) (A) **N 105**

Ernst, W. Metric Suggestion (C) **Mr 51**

Erosion
Aerothermochemistry of Metal Erosion by Hot Reactive Gases (77-HT-12) (A) **O 101**
Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) (A) **Mr 99**
Effects of Surface Hardness and Other Material Properties on Erosive Wear of Metals by Solid Particles (76-WA/Mat-8) (A) **Mr 99**
Erosion of 310 Stainless Steel at 975°C in Combustion Gas Atmospheres (76-WA/Mat-5) (A) **Mr 99**
Erosion of a Tube by Gas-Particle Flow (76-WA/Mat-9) (A) **Mr 99**
Principles of Machining by Cutting, Abrasion and Erosion (CB) **Jl 106**
Turbine Damage by Solid Particle Erosion (76-JPGC-Pwr-15) (A) **Ja 110**

Erosive Wear
Particle Erosion Measurements on Metals (76-WA/Mat-1) (A) **Mr 98**

Eshel, R. Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) (A) **Jl 98**

Eshelby, J. D. *(recipient)* Timoshenko Medal **D CR-13**

Esoteric Science
Esoteric Science Solves Practical Problems (ES) **F 31**

Essary, J. D. Characteristics of an Anechoic Chamber for Fan Noise Testing (77-GT-74) (A) **Ag 102**

Ethics
Ethics Problem (C) **O 54**

Ethics Code
Ethics, Unethical Engineers, and ASME **Jl 42**

Ethylene/Air Mixtures
Heterogeneous Catalysis of Lean Ethylene/Air Mixtures by Platinum Coated Wire Screens (76-WA/GT-2) (A) **Mr 96**

Ethylene Pyrolysis Furnaces
The Design of Ethylene Pyrolysis Furnaces as Related to Prevailing Energy Costs and Availability (77-Pet-36) (A) **D 107**

Etsion, I. An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (76-Lub-9) (A) **F 140**; The Dual Action Gas Thrust Bearing—A New High Load Bearing Concept (76-Lub-11) (A) **F 140**; Optimum Step Design for Centering of Pistons Moving in an Incompressible Fluid (77-FE-30) (A) **O 111**

European Transmission Systems
Fossil-Fueled Power Plant Design European Style **D 41**

Evans, D. L. Solar Heating and Cooling and Energy Conservation Potentials for Commercial Buildings (76-WA/Sol-17) (A) **F 132**

Evans, K., Jr. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**

Evans, R. L. Boundary-Layer Development on an Axial-Flow Compressor Stator Blade (77-GT-11) (A) **Jl 93**

Evaporative Cooling Systems
Large-Scale Evaporative Cooling—The Window Theory (76-JPGC-Pwr-1) (A) **Ja 109**

Evaporator Performance
Boiling Limited Heat Pipes in a Mid-Temperature Range (150 to 300°C) (77-HT-39) (A) **O 104**

Exact Stiffness Matrix
Consistent Mass Matrix for Thick Beams (76-WA/PVP-13) (A) **Mr 101**

Exchange Processes
Response of Three Oscillators Coupled by a Weak Nonlinearity (77-APM-5) (A) **S 94**

Excitation Forces
Unsteady Aerodynamic Forces on Vibrating Transonic Turbine Cascades (76-WA/GT-8) (A) **Mr 97**

Executive Demand
Upward Trend in Executive Demand (NB) **Mr 75**

Executives
Executives in Demand (NB) **S 65**

Executives (U.S.)
What Execs Expect (NB) **Ja 74**

Exhaust Emission Levels
Fuel Economy vs. Emission Levels: Three Approaches (BTR) **Jl 54**

Exhaust-Gas Turbochargers
Exhaust-Gas Turbochargers and Systems for High-Pressure Charging (77-DGP-12) (A) **D 99**

Exhaust Gases
Heat Transfer Coefficients Around Cylinders in Crossflow in Combustor Exhaust Gases (77-GT-9) (A) **Jl 93**

Exhaust Jets
Static and Flyover Noise Measurements of an Inverted Profile Exhaust Jet (77-GT-81) (A) **Ag 103**

Exhaust Noise
Land Gas Turbine Exhaust Noise (77-GT-12) (A) **Jl 92**

Exhaust Nozzles
Structural and Cooling Aspects of the Aden Nonaxisymmetric Exhaust Nozzle (77-GT-110) (A) **Ag 106**

Exit Flow Patterns
A Study of an Advanced Automotive Radial Turbine—A Design Procedure Considering Rotor Loss Distributions and Exit Flow Patterns (77-GT-6) (A) **Jl 92**

Expander Refrigeration Process
Optimized Expander Process in Operation in LNG Peak-shaving Plant (76-WA/PID-9) (A) **Je 107**

Experimental Cars
"1200 Miles per Tank," Predicts Car Designer (EN) **Mr 77**

Experimental Engines
Quiet, Clean, Short-Haul Experimental Engines (QCSEE)—A Technology Development Program (77-GT-109) (A) **Ag 106**

Experimental Power Reactors
Review of the Conceptual Design of a Doublet Fusion Experimental Power Reactor (76-WA/NE-9) (A) **Ap 93**
Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**

Experimental Stress Analysis
Experimental Stress Analysis of 24-in. x 12-in. Welding Tee and Comparison with Finite Element Methods (77-PVP-51) (A) **D 105**
Experimental Stress Analysis for Four 24-in. ANSI Standard B 16.9 Tees (77-PVP-4) (A) **N 106**

Explosive Boiling-Up
Superheated Liquids: Thermophysical Properties, Homogeneous Nucleation and Explosive Boiling-Up (77-HT-87) (A) **N 105**

Explosive Loading
Spherical Acrylic Plastic Hulls Under External Explosive Loading (76-WA/OcE-4) (A) **My 94**

Export-Import Trade
Researching East European Markets (NB) **Je 76**

Exposure Facilities
"Spaced-Out" Experiment Planned (NR) **Ja 72**

Extended Surfaces
Analysis of Arrays of Extended Surface **77-HT-31**

External Pressure
The Compression of Thick-Walled Tubes by External Pressure (77-PVP-2) (A) **N 106**
Plastic Collapse of Oval Straight Tubes Under External Pressure (77-PVP-57) (A) **D 105**

Extracorporeal Circulation
Heat Transfer Across Centrifugally Stabilized Liquid-Liquid Interfaces: Application to Extracorporeal Heat Exchanger Design (76-WA/Bio-9) (A) **Jl 102**

Extrusion
Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) (A) **Jl 99**
New Hot Extrusion Press (IF) **N 69**

F

Fabrication Methods
Fabrication and Comparative Performance of Three Variable Conductance Heat Pipe Concepts (77-ENAs-42) (A) **N 99**

Face Masks
Breathing Dynamics of a Diver Face Mask Fitted With a Demand Regulator (77-DE-30) (A) **S 92**

Faeth, G. M. An Investigation of the Laminar Overfire Region Along Upright Surfaces (77-HT-68) (A) **O 107**

Fail-Safe Concepts
Full-Power Parking/Emergency Brakes and Fail-Safe on Four-Wheel Disc Brake Systems (76-WA/Saf-3) (A) **Ap 95**

Fail-Safe Valves
How to Make a Valve Which Will Fail-Safe in Very Deep Water (76-Pet-35) (A) **Ja 102**

Failure Analysis
Fast Burst Reactor Burst Rod Adaptor Failure Analysis (76-WA/Mat-7) (A) **Mr 99**

Failure Detection Systems
Development and Experience with Computerized Acoustic Incipient Failure Detection (IFD) Systems (77-Pet-2) (A) **N 108**

Fairchild, R. C. Synthetic Aperture Ultrasonic Inspection of Pressure Vessels and Piping (77-PVP-23) (A) **N 108**

Faley, D. L. Recently Developed Tools Aid in Stimulation of Production Wells (76-Pet-66) (A) **Ja 106**

Falling Particles
Analysis of a New Concept for a High Temperature Direct Coal-Fired Falling Particle Air Pre-Heater for MHD Power Generation (77-HT-60) (A) **O 106**

Fan Impellers
Investigations on Axial Flow Fan Impellers With Forward Blades (77-FE-1) (A) **S 99**

Fan Inlet Disturbances
Fan Inlet Disturbances and Their Effect on Static Acoustic Data (77-GT-63) (A) **Ag 101**

Fan Noise Testing
Characteristics of an Anechoic Chamber for Fan Noise Testing (77-GT-74) (A) **Ag 102**

Fan Propulsion Systems
The Shaft Coupled Lift/Cruise Fan Propulsion System for Navy Multimission V/STOL Aircraft (77-GT-112) (A) **Ag 106**

Fan Wakes
A Theoretical Investigation on the Structure of Fan Wakes (76-WA/FE-22) (A) **F 136**

Fanous, A. F. Advances in Liquid Fluidized-Bed Heat Exchanger Development (77-HT-66) (A) **N 101**

Farassat, F. Some Measured and Calculated Effects of Forward Velocity on Propeller Noise (77-GT-70) (A) **Ag 101**

Farber, E. A. A Self-Contained Solar Powered Tracking Device (76-WA/HT-26) (A) **Je 110**

Farell, C. Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) (A) **F 135**; A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) (A) **F 135**

Farley, D. L. Status of Drill Stem Testing Tools for Offshore Applications (76-Pet-72) (A) **Ja 106**

Farrar, F. A. Estimation and Control of Critical Gas Turbine Engine Variables (76-WA/Aut-12) (A) **My 93**

Fasolo, J. A. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**

Fastening Methods
Standard Handbook of Fastening and Joining (TL) **My 102**

Fatigue
Dynamic Severity Criterion for Designing Against High Cycle Fatigue (77-DE-28) (A) **S 91**
Low-Cycle Fatigue of AISI 1010 Steel at Temperatures up to 1200°F (649°C) (76-WA/PVP-3) (A) **Mr 100**

Fatigue Analysis
Fatigue Analysis for Lattice Legs of Jack-Up Drilling Platforms (77-Pet-11) (A) **N 109**

Fatigue Behavior
Fatigue Behavior of Aluminum Alloy Weldments (NB) **Ag 67**
The Fatigue Behavior of Fiber-Reinforced Polymers and Advanced Composites (77-DE-41) (A) **S 92**

Fatigue Crack Growth
Fatigue Crack Growth of Stainless Steel Piping in a Pressurized Water Reactor Environment (77-PVP-34) (A) **D 103**
Optimizing Crack Growth Resistance in Engineering Alloys (77-DE-17) (A) **S 90**

Fatigue Crack Propagation
Fatigue Crack Propagation in A533B Steels (76-WA/PVP-6) (A) **Mr 100**
Fracture Mechanics Fatigue Design **Je 40**

Fatigue Fracture
Analysis of Fatigue Fracture of Ball Joint Sockets by Indentation Hardness and Transmission Electron Microscopy (76-WA/Mat-3) (A) **Mr 99**

Fatigue Life Predictions
Fatigue Life Prediction of Complex Structures (77-DE-46) (A) **S 93**

Fatigue Strength
Influence of Inner Surface Defects on the Fatigue Strength of Pipe Subjected to Cyclic Internal Pressure (77-PVP-41) (A) **D 104**
A New Look at Subcritical Quenching (SCT) for Fatigue Strength Improvement (77-RT-4) (A) **Ag 106**

Faulkner, M. G. A Note on the Bending of Rods to a Specified Shape (76-WA/OcE-2) (A) **My 94**

Favrat, D. Interaction of the Rotor Blade Shock Waves in Supersonic Compressors With Upstream Stator Vanes (77-GT-93) (A) **Ag 104**

Fawzy, I. A Theorem on the Free Vibration of Damped Systems (77-APM-6) (A) **S 95**

Fay, G. R. Laboratory Techniques for Quantifying the Performance of Rail Vehicles Utilizing Servo-Controlled Hydraulic Vertical Actuators (76-WA/RT-5) (A) **Mr 94**

Feder, E. Investigation of Squeeze Film Damper Forces Produced by Circular Centered Orbits (77-GT-30) (A) **Ag 96**

Federal Energy Administration
Getting the Word to Washington (ES) **My 23**

Federal Research and Development
Some Commercial Innovations from Technology Transfers of Federal Research and Development (76-WA/Aero-2) (A) **My 95**

Federal Technology Transfer
Federal Laboratory Technology Transfer—Fact or Fiction? (76-WA/Aero-3) (A) **My 95**
Federal Technology Transfer to Local Government—The Impossible Isn't (76-WA/Aero-4) (A) **My 96**
A Prime Example of Federal Technology Transfer in the Area of Law Enforcement (76-WA/Aero-5) (A) **My 96**

Feeding Systems
The Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 1: Nonvibratory Feeding Systems (76-WA/Prod-38) (A) **Jl 101**; Part 2: Vibratory-Bowl Feeding Systems (76-WA/Prod-38) (A) **Jl 101**

Feedwater Chemistry
Feedwater Chemistry Requirements for HTGR Steam Generator Operation (76-WA/NE-13) (A) **Ap 94**

Feedwater Heaters
Economics of Feedwater Heater Replacement (76-JPGC-Pwr-7) (A) **Ja 109**

Feel Cams
A Computer-Aided Feel Cam Design (77-DE-48) (A) **S 94**

Fetteroll, F. P. An Evaluation of the Material Capabilities of Low Carbon 2¼ Cr-1Mo Steel Forgings (76-Pet-40) (A) **Ja 102**

Fehring, T. H. Economics of Feedwater Heater Replacement (76-JPGC-Pwr-7) (A) **Ja 109**

Feingold, A. Heat Transfer, Pressure Drop, and Performance Evaluation of a Quintuplex Internally Finned Tube (77-HT-46) (A) **O 105**; Legal and Psychological Incentives and Deterrents to Recycling (77-RC-6) (A) **Ag 108**

Felbeck, D. K. Analysis of Fatigue Fracture of Ball Joint Sockets by Indentation Hardness and Transmission Electron Microscopy (76-WA/Mat-3) (A) **Mr 99**

Feldman, K. T. Computer Aided Design of a Shell and Tube Heat Exchanger for Oil and Asphalt Heating (76-WA/HT-6) (A) **My 98**

Feliss, N. A. An Experimental Investigation of Incompressible Channel Flow Near Transition (77-FE-19) (A) **O 110**

Felix, M. P. Laser Lowdown (C) **S 46**

Fellowship Grants
Engineering Foundation Sponsors Fellowship Grants (NR) **Mr 74**

Ferer, K. M. Added Mass and Damping Forces on Circular Cylinders (76-Pet-3) (A) **Ja 98**

Ferrigno, D. P. Radwaste Treatment Study for a Once-Through Steam Generator Cleaning Solution (76-WA/NE-6) (A) **Ap 92**

Ferritic Steels
An Evaluation of the Material Capabilities of Low Carbon 2¼ Cr-1Mo Steel Forgings (76-Pet-40) (A) **Ja 102**
A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) (A) **Mr 100**

Ferromagnetic Tubing
Nondestructive Testing of Ferromagnetic and Nonferromagnetic Heat Exchanger Tubing from the ID for Wall Thinning and Cracks (76-Pet-36) (A) **Ja 102**

Fessler, H. Prediction of Creep Rupture of Pressure Vessels (77-PVP-54) (A) **D 105**

Fewell, T. E. Matrix Steam Generator for LMFBR Service (76-JPGC-NE-8) (A) **Ja 112**

Fiber-Reinforced Polymers
The Fatigue Behavior of Fiber-Reinforced Polymers and Advanced Composites (77-DE-41) (A) **S 92**

Fiberglas
Roofing Sandwich: Fiber Glass and Urethane (BTR) **F 60**

Fiberglass Dewar
Development of Large Fiberglass Reinforced Plastic Dewars for Superconducting Magnets at 4 K (76-WA/PID-11) (A) **Je 107**

Fiberglass-Epoxy
Advanced Composites: Design Technology Transfer for Aerospace **Je 36**

Fibrous Composites
Thermal Stresses in Heat-Treated Fibrous Composites (76-WA/APM-13) (A) **Jl 103**

Fichter, E. F. *(recipient)* Melville Medal **D CR-13**

Field Permeation
Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) (A) **Ja 102**

Fighetti, C. F. Critical Heat Flux in PWR Fuel Assemblies (77-HT-92) (A) **N 105**

Fighter Aircraft
Engine Cycle Selection and Propulsion System Integration for Future High Performance Fighter Aircraft (77-GT-101) (A) **Ag 105**

Fillo, J. A. Thermal-Hydraulic Analysis of Low-Activity Fusion Blanket Designs (77-HT-85) (A) **N 104**

Film Boiling
The Effect of Artificial Surface Projections on Film-Boiling Heat Transfer (77-HT-81) (A) **N 104**
Electrohydrodynamically Coupled Film Boiling (76-WA/HT-48) (A) **Je 112**
Hydrodynamic Instability Induced Liquid-Solid Contacts in Film Boiling (76-WA/HT-25) (A) **My 100**
Rod Bundle Film Boiling Heat Transfer Experiments (77-HT-94) (A) **N 105**
Subcooled Film-Boiling Heat Transfer from Spheres (77-HT-78) (A) **N 104**
Transition and Film Boiling Heat Transfer from Vertical Surfaces (77-HT-82) (A) **N 104**

Film Condensation
The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) (A) **Je 114**
Laminar Film Condensation-Combined Effect of Magnetic Field and Variable Gravity (77-HT-25) (A) **O 102**

Film Cooling
Account of Mainstream Turbulence for Predicting Film Cooling Effectiveness in Gas Turbine Combustors (77-HT-10) (A) **O 101**

Filtration
Transient Filtration in a Porous Elastic Cylinder (76-WA/APM-16) (A) **Jl 103**

Fin Geometry
The Effect of Fin Geometry and Manufacturing Process on Ceramic Regenerator Thermodynamic Performance (77-GT-61) (A) **Ag 100**

Fin Spacing
Effects of Nonuniform Passages on Deepfold Heat Exchanger Performance (76-WA/HT-32) (A) **Je 111**

Financial Statements
How to Read an Annual Report (PS) **Ja 79**

Finite Bearings
Systems of Finite Elements for Finite Bearings (76-Lub-13) (A) **F 141**

Finite Elastic Cylinders
Acoustodynamics of the Longitudinal Colinear Impact of Finite Elastic Cylinders (76-WA/DE-19) (A) **Ap 99**

Finite Element Analysis
Finite Element Analysis of Reclaimer Gantry Cone (76-WA/MH-2) (A) **My 90**
Improved Management of Finite Element Analysis (76-WA/Aero-10) (A) **My 96**
Nonlinear Finite Element Analysis of Buttress Threaded Casing Connections (76-Pet-82) (A) **Ja 108**

Finite-Element Grids
Economical Generation of Three-Dimensional Finite Element Grids (77-PVP-26) (A) **N 107**

Finite Element Interactive Graphics User Routines
Design Consideratons of Figures: Finite Element Interactive Graphics User Routines (77-DE-34) (A) **S 92**

Finite Element Methods
Experimental Stress Analysis of 24-in. x 12-in. Welding Tee and Comparison with Finite Element Methods (77-PVP-51) (A) **D 105**
Submarine Pipeline Analysis with an Elastic Foundation by the Finite Element Method (76-WA/OcE-5) (A) **My 95**

Finite-Element Programs
Assessment of a Nonlinear Structural Analysis Finite Element Program (NONSAP) For Inelastic Analysis (77-PVP-10) (A) **N 106**

Finite-Element Stresses
OUTCUR: An Automated Evaluation of Two-Dimensional Finite Element Stresses According to ASME Section III Stress Requirements (76-WA/PVP-16) (A) **Mr 101**
PACC—A Computer Program for ASME Section III Categorization of Finite Element Stresses (77-PVP-17) (A) **N 106**

Finite-Element Techniques
Moment Capability of Valves Using Semi-Analytical Finite Element Approach (76-Pet-38) (A) **Ja 102**

Finite Element/Difference Methods
Finite Element and Finite Difference Methods in Engineering (77-DE-45) (A) **S 93**

Finite Elements
Systems of Finite Elements for Finite Bearings (76-Lub-13) (A) **F 141**
Vibrational Analysis of Mechanics Using Constant Length Finite Elements (76-WA/DE-21) (A) **Ap 99**

Finite Media
Transient Heat Conduction in a Finite Medium with Phase Change (76-WA/HT-3) (A) **My 97**

Finite Time Settling
Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite Time Settling Controlled/Observer (76-WA/Aut-8) (A) **My 93**

Finned Catalytic Heat Exchangers
The Analysis of Finned Catalytic Heat Exchangers (77-HT-67) (A) **N 102**

Finned Tube Bundles
Heat Transfer from a Finned Tube Bundle in the Presence of a Corona Discharge (76-WA/HT-40) (A) **Je 112**

Finned Tubes
Heat Transfer, Pressure Drop, and Performance Evaluation of a Quintuplex Internally Finned Tube (77-HT-46) (A) **O 105**

Fire Codes
National Fire Codes: A Compilation of NFPA Codes, Stand-

ards, Recommended Practices, and Manuals (CB) **Je 118**

Fired Heaters

Fired Heater Design, Operation and Maintenance for Maximum Efficiency (77-Pet-1) (A) **N 108**

Fires

Radiation Augmented Fires Within Enclosures (77-HT-98) (A) **N 105**

A Scaling Study of a Corridor Subject to a Room Fire (77-HT-72) (A) **N 102**

Some Characteristics of Fires Within Uniform Fuel Matrices (77-HT-71) (A) **N 102**

Fischer, H. C. Application of the Ice-Maker Pump to an Annual Cycle Energy System (76-WA/Ener-4) (A) **Ap 105**

Fisher, R. D. Superturbulent Combustion Noise (76-WA/Fu-1) (A) **Je 102**

Fishman, B. Elections to Fellow Grade **D 96**

Fission

Energy Future: Asymptotic and "Defossilized" (BTR) **F 64**

Fittings

Friction Area and Nozzle Area for Valves and Fittings as New All-Purpose Flow Parameters (76-Pet-2) (A) **Ja 98**

Fitts, J. R. Turbulence Measurements in Dilute Polymer Wake Flows (77-FE-31) (A) **O 111**

Fitzmaurice, R. W. Recent Practices in Handling the Products of Combustion from Venezuelan Residual Fuel Oil (76-JPGC-Pwr-9) (A) **Ja 110**

Fitzpatrick, J. A. A Preliminary Study of Flow and Acoustic Phenomena in Tube Banks (77-FE-7) (A) **S 100**

Fiveland, W. A. Transient Boundary Layers Between Porous Plates (76-WA/APM-32) (A) **Jl 105**

Fixed-Conveyor Systems

Analysis of a Two-Link Fixed-Conveyor System with Multiple Poisson Inputs and Outputs (76-WA/MH-1) (A) **My 90**

Fixed Edge Bending Moments

Fixed Edge Bending Moments of Thin Rectangular Cantilever Plates Due to Line Loading (77-DET-119) (A) **D 102**

Fixed Geometry

Digital Simulation of Fixed and Variable Geometry Free Gas Turbine Engines Based on Quasi-Steady Approach (76-WA/GT-1) (A) **Mr 96**

Flach, W. T. Effects of Construction Practices on the Ultrasonic Inspectability of Piping Welds (77-PVP-15) (A) **N 106**

Flame Propagation

A Model for Flame Propagation in Coal Dust-Air Mixtures (77-HT-18) (A) **O 102**

Flange Joints

Accurate Design Analysis of Flange Joints (76-Pet-37) (A) **Ja 102**

Flanges

The Background of ASME Code Case XXXX ; A Simplified Method of Analyzing Part B Flanges (77-PVP-38) (A) **D 104**

Flank Wear

Influence of Flank Wear on the Stresses in a Cutting Tool (76-WA/Prod-30) (A) **Jl 100**

Flannigan, L. J. Outlet Plenum Flow Stratification Studies for the Clinch River Breeder Reactor Plant (76-WA/HT-84) (A) **Je 117**

Flat Bottom Storage Tanks

Stiffness Coefficients and Allowable Loads for Nozzles in Flat Bottom Storage Tanks (77-PVP-19) (A) **N 107**

Flat Plate Collectors

Fixed Flat Plate Collector with a Reversible Vee-Trough Concentrator (76-WA/HT-12) (A) **My 99**

Indoor Test Methods to Determine the Effect of Vacuum on the Performance of a Tubular Flat Plate Collector (76-WA/Sol-24) (A) **Mr 103**

Optimal Mass Flow Rates Through Flat Plate Solar Collector Panels (76-WA/Sol-19) (A) **F 132**

Performance of Flat-Plate Collectors with Planar Reflectors (76-WA/HT-27) (A) **My 100**

A Two-Dimensional Heat Transfer Model of a Flat Plate Collector (76-WA/Sol-2) (A) **F 131**

Flat-Plate Hydrofoils

Leading-Edge Correction for the Supercavitating Flat-Plate Hydrofoil (77-FE-21) (A) **O 110**

Flat Plate Solar Collectors

Experimental Measurements and System Implications of the Performance of Flat Plate Solar Collector Configurations (76-WA/Sol-14) (A) **Mr 102**

Heat Pipes in Flat Plate Solar Collectors (76-WA/Sol-12) (A) **Mr 102**

Flat Plates

Low Reynolds Number Flow in Plate Wakes (76-WA/HT-30) (A) **Je 110**

Low-Velocity Heat Transfer to a Flat Plate in the Presence of a Corona Discharge in Air (76-WA/HT-47) (A) **Je 112**

Velocity and Temperature Profiles in Near-Critical Nitrogen Flowing Past a Horizontal Flat Plate (77-HT-7) (A) **O 101**

Flat Sector Thrust Bearings

An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (76-Lub-9) (A) **F 140**

Fleet Composition

A Computer Simulation Model for Determining Fleet Size and Composition (76-WA/Mgt-1) (A) **Je 104**

Fleming, D. P. An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (76-Lub-9) (A) **F 140**. Dynamic Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) (A) **F 143**; High Stiffness Seals for Rotor Critical Speed Control (77-DET-10) (A) **D 101**

Fletcher, W. W. *(editor)* Energy Resources and the Environment (CB) **Mr 108**

Flexed Plates

Experimental Solution of Flexed Plates by the Method of Caustics (77-APM-12) (A) **S 96**

Flexibility

The Flexibility of Curved Pipes in Creep (76-WA/PVP-4) (A) **Mr 100**

Flexible Cables

An Experimental Study of Flow-Induced Motions of Flexible Cables and Cylinders Aligned with the Flow Direction (76-WA/FE-15) (A) **F 135**

Flexible Cylinders

Stability of a Cluster of Flexible Cylinders in Bounded Axial Flow (77-APM-34) (A) **S 98**

Flexible Ducts

Improving the Work Environment can be "Duct" Soup (BTR) **Jl 58**

Flexible Inlet Guide Vanes

The Variable Geometry in Supersonic Compressors (77-GT-35) (A) **Jl 95**

Flexible Pipe Couplings

The Advancement of Flexible Pipe Couplings and Bearings (76-Pet-68) (A) **Ja 106**

Flexible Rotors

Stability of Squeeze-Film-Dampers Supported Flexible Rotors (77-GT-51) (A) **Ag 99**

Steady-State Performance of Squeeze Film Damper Supported Flexible Rotors (77-GT-52) (A) **Ag 99**

Flexure

Properties of Reinforced Abrasive Disks in Flexure (76-WA/Prod-41) (A) **Jl 101**

Floating Production Facility

Design, Fabrication, and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) (A) **Ja 103**

Floating Roof Tanks

Conservation and Storage of Petroleum Products (76-Pet-100) (A) **F 139**

Floating Roofs

Stresses in Floating Roofs (76-Pet-74) (A) **Ja 106**

Flow

Combined Forced and Free Laminar Convection in Vertical Rod Bundles with Longitudinal Flow (77-HT-44) (A) **O 105**

A Comparison of Two Computational Procedures Applied to Turbomachinery Flows (77-FE-14) (A) **S 100**

Computation of Annular Turbulent Flow with Rotating Core Tube (77-FE-13) (A) **S 100**

Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) (A) **F 135**

Flow and Heat Transfer in Convectively Cooled Underground Electric Cable Systems: Velocity Distributions and Pressure Drop Correlations (76-WA/HT-45) (A) **Je 112**

Flow and Heat Transfer in Convectively Cooled Underground Electric Cable Systems: Temperature Distributions and Heat Transfer Correlations (76-WA/HT-42) (A) **Je 112**

Flow Through Porous Media From a Nuclear Cavity (77-FE-23) (A) **O 110**

Heat Transfer in Complex Duct Flows (77-HT-95) (A) **N 105**

The Interrelationship Between Eddy Viscosity, Mixing Length, Entrainment and Width Growth Models in Turbulent Flows (77-FE-20) (A) **O 110**

A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (77-FE-4) (A) **S 99**

Low Reynolds Number Flow in Plate Wakes (76-WA/HT-30) (A) **Je 110**

Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) (A) **Jl 93**

A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) (A) **F 135**

Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) (A) **O 101**

Numerical Study of Transient and Steady Induced Symmetric Flows in Rectangular Cavities (77-FE-17) (A) **O 110**

The Prediction of Pump Differential Pressure for Two Phase/Two Component Compressible Flow (76-WA/HT-75) (A) **Je 116**

A Preliminary Study of Flow and Acoustic Phenomena in Tube Banks (77-FE-7) (A) **S 100**

Quasi-Two-Dimensional Analysis of a Flow Through a Centrifugal Pump Impeller (77-FE-29) (A) **O 110**

Response of a Turbulent Pipe Flow to a Change in Roughness (77-FE-3) (A) **S 99**

Validation of Turbulence Models for LMFBR Outlet Plenum Flows (77-HT-34) (A) **O 103**

Viscid-Inviscid Interaction of Incompressible Separated Flows (76-WA/APM-7) (A) **Je 110**

Flow Baffles

Heat Transfer in Tube Bundles of Heat Exchangers with Flow Baffles Induced Forced Mixing (76-WA/HT-73) (A) **Je 115**

Flow Configurations

Inverse Computation of Profile Shapes for Given Transonic Flow-Configuration With and Without Detached Bow-Shocks in Turbomachinery Cascades (77-GT-33) (A) **Ag 97**

Flow Correlations

An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) (A) **Je 105**

Flow Detection

Finding the "Pea Under the Football Field" (BTR) **Mr 64**

New Technique Enhances Ultrasonic Waves **Je 53**

Flow Distribution

Modeling Environmental Effects on Nozzle Spray Distribution (76-WA/FE-39) (A) **F 138**

Flow Fields

Experimental Study of the Flow Field Within a Transonic Axial Compressor Rotor by Laser Velocimetry and Comparison With Through-Flow Calculations (77-GT-28) (A) **Jl 95**

Flow Field Coupling Between Compression System Components in Asymmetric Flow (77-GT-17) (A) **Jl 94**

Flow Functions

Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) (A) **Jl 99**

Flow-Induced Bending

Flow-Induced Bending of Rectangular Plates (77-APM-14) (A) **S 95**

Flow-Induced Motions

An Experimental Study of Flow-Induced Motions of Flexible Cables and Cylinders Aligned with the Flow Direction (76-WA/FE-15) (A) **F 135**

Flow-Induced Vibration

Dynamics of Heat Exchanger Tube Banks (76-WA/FE-28) (A) **F 137**

Flow-Induced Vibrations of a Hydraulic Valve and Their Elimination (77-FE-24) (A) **S 101**

A Survey of Flow Induced Vibrations of Cylindrical Arrays in Cross-Flow (76-WA/FE-21) (A) **F 136**

Flow Measurement

Fundamentals of Temperature, Pressure and Flow Measurements (CB) **S 104**

Flow Models

A Flow Model for Centrifugal Compressor Rotors (77-GT-62) (A) **Ag 100**

Flow Parameters

Friction Area and Nozzle Area for Valves and Fittings as New All-Purpose Flow Parameters (76-Pet-2) (A) **Ja 98**

Flow Phenomena

A Numerical Study of Flow Phenomena Within a Vortex Sink Rate Sensor (76-WA/Flcs-12) (A) **Ap 102**

Flow Separation

Prediction of Flow Separation in a Diffuser by a Boundary

Layer Calculation (76-WA/FE-6) (A) **F 134**

Flow Stratification Studies
Outlet Plenum Flow Stratification Studies for the Clinch River Breeder Reactor Plant (76-WA/HT-84) (A) **Je 117**

Flow Strength Values
Disk and Strip Forging for the Determination of Friction and Flow Strength Values (76-WA/Prod-7) (A) **JI 97**

Flow-Through Turbine Cascade
The Effect of a Transversely Injected Stream on the Flow Through Turbine Cascades: Part 1—Flow Effects (77-GT-87) (A) **Ag 103**; Part 2—Performance Changes (77-GT-88) (A) **Ag 103**

Flowers, W. C. An Electrohydraulic Knee-Torque Controller for a Prosthesis Simulator (76-WA/Bio-10) (A) **JI 102**

Flowmeters
Inexpensive Mass Flowmeter (BTR) **N 57**
Proposal for a "Standardized Questionnaire" for Flowmeters (76-WA/FM-4) (A) **Je 105**
Statistical Improvement in Differential Producer Type Flowmeters (76-WA/FM-1) (A) **Je 105**
A Wide Range No-Moving-Part Flowmeter (76-WA/Flcs-10) (A) **Ap 102**

Flue Gas Desulfurization
Development of a Data Base of the Future Regulation of Flue Gas Desulfurization Sludge Disposal (76-WA/APC-5) (A) **Ap 103**

Fluid Bed Process
Development of the Chemically Active Fluid Bed Process, A Status Report and Discussion (76-JPGC-Fu-4) (A) **Ja 111**

Fluid Coupling
Normal Mode Solution of Fluid-Coupled Concentric Cylindrical Vessels (77-PVP-37) (A) **D 103**

Fluid Delivery Systems
Fluid Delivery and Metering for Reaction-Injection Molding (76-WA/PID-19) (A) **Je 108**

Fluid Dynamic Excitation
Fluid Dynamic Excitation of Centrifugal Compresssor Rotor Vibrations (77-FE-22) (A) **O 110**

Fluid Dynamics
Fluid Dynamics of Multiple Noncritical Stenoses (76-WA/Bio-2) (A) **JI 101**

Fluid Elastic Whirling
Fluid Elastic Whirling of Tube Rows and Tube Arrays (76-WA/FE-26) (A) **F 137**

Fluid-Filled Tubes
Pulse Propagation in Fluid-Filled Tubes (77-APM-7) (A) **S 94**

Fluid Film Bearing Damper
Fluid Film Bearing Damper (BTR) **Ja 60**

Fluid Flow
Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) (A) **S 95**
Fluid Flow and Convective Heat Transfer in Square Capillary Ducts Subjected to Nonuniform High Heat Flux (76-WA/HT-29) (A) **My 101**
Inexpensive Mass Flowmeter (BTR) **N 57**

Fluid Fuels
Energy—Fluid Fuels from Solids **N 30**

Fluid Interfaces
Nonlinear Propagation of Wave-Packets on Fluid Interfaces (76-WA/APM-11) (A) **Je 110**

Fluid Layers
The Temperature Distribution Along an Absorbing-Emitting Fluid Layer Flowing over an Opaque Substrate (76-WA/Sol-5) (A) **F 131**

Fluid Loops
Fluid Loop Systems for Use in Spacecraft Thermal Control (77-ENAs-13) (A) **O 109**

Fluid Mechanics
A Survey of Fluid Mechanics Education of Mechanical Engineers (77-FE-11) (A) **S 100**

Fluid Meters
An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) (A) **Je 105**
Loss Coefficients For Fluid Meters (76-WA/FM-2) (A) **Je 105**
Proposal for a "Standardized Questionnaire" for Flowmeters (76-WA/FM-4) (A) **Je 105**
Statistical Improvement in Differential Producer Type Flowmeters (76-WA/FM-1) (A) **Je 105**

Fluid Pivot Journal Bearings
The Fluid Pivot Journal Bearing (76-Lub-26) (A) **F 142**

Fluid Power
The Effect of Particulate Contaminants on the Static Characteristics of Fluid Power Relief Valves (77-DE-20) (A) **S 90**
Some Advances in Evaluating the Effects of Contaminant Lock in Fluid Power Spool Valves (77-DE-3) (A) **S 88**

Fluid Production
Laboratory Studies of Nonisothermal Fluid Production from Fractured Geothermal Reservoirs (77-HT-53) (A) **O 106**

Fluid-Solid Interface
Propagation of a Shock Wave Front Across a Curved Fluid-Solid Interface (76-WA/APM-9) (A) **Je 110**

Fluid Systems
Introducing Controlled Matter into a Fluid System (BTR) **Ja 56**

Fluidic Control
A Fluidically-Controlled Aircraft Environmental Control System Breadboard (76-WA/Flcs-3) (A) **Ap 101**

Fluidic Thermistors
Fluidic Thermistors of Fluidic Temperature Sensing With Capillaries (76-WA/TM-1) (A) **Je 104**

Fluidics
Deposition of Suspensions in the Entrance of a Channel (76-WA/Flcs-13) (A) **Ap 102**
Design Method for Near-Optimal NOR Logic Circuits (76-WA/Flcs-4) (A) **Ap 101**
Dynamic Response Approximation for Noncircular Fluid Lines (76-WA/Flcs-2) (A) **Ap 101**
An Efficient Simulation Method for Distributed Lumped Fluid Networks (76-WA/Flcs-1) (A) **Ap 101**
Fluidic Compressor Bleed Valve Control for Small Gas Turbine Engines (76-WA/Flcs-7) (A) **Ap 101**
Fluidic Fuel Control for a Small Recuperated Gas Turbine Engine (76-WA/Flcs-5) (A) **Ap 101**
A Fluidically-Controlled Aircraft Environmental Control System Breadboard (76-WA/Flcs-3) (A) **Ap 101**
A Model for the Fluidic Port Characteristics of Ejectors (76-WA/Flcs-8) (A) **Ap 102**
Modelling the Steady-State Characteristics of a Single-Stage Pneumatic Pressure Regulator (76-WA/Flcs-6) (A) **Ap 101**
A Numerical Study of Flow Phenomena Within a Vortex Sink Rate Sensor (76-WA/Flcs-12) (A) **Ap 102**
Tests on a Very Large Vortex Valve (76-WA/Flcs-9) (A) **Ap 101**
Vortex Stretching Due to Shear Layer Instability (76-WA/Flcs-11) (A) **Ap 102**
A Wide Range No-Moving-Part Flowmeter (76-WA/Flcs-10) (A) **Ap 102**

Fluidized Bed Boilers
Fluidized Bed Boilers by 1985? (ES) **JI 22**

Fluidized-Bed Coal Combustion
Clean Energy Breakthrough (BTR) **D 63**

Fluidized-Bed Combustors
High-Temperature Corrosion in Fluidzed Bed Combustors (76-WA/CD-4) (A) **My 91**
Toward Clean Coal (BTR) **Ja 56**

Fluidized Bed Steam Boiler
A New Approach to a Fluidized Bed Steam Boiler (76-WA/Pwr-8) (A) **F 133**

Fluidized Beds
Fluidized-Bed Heat Treatment (IF) **Mr 68**

Fluids
Contamination Monitoring of Fluids (BTR) **Ap 57**
Laminar Throughflow of a Fluid Containing Particles Between Corotating Disks (76-WA/FE-38) (A) **F 138**
Shape-Factor Correlations for Transient Heat Conduction from Irregular-Shaped Rock Fragments to Surrounding Fluid (77-HT-54) (A) **O 106**
Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) (A) **S 96**

Fluids Engineering
Aeroelastic Response of Square and H-Sections in Turbulent Flows (76-WA/FE-19) (A) **F 136**
Air Entrainment into Water Sprays and Spray Curtains (76-WA/FE-40) (A) **F 138**
Analysis, Practical Applications and Design of Unsteady Flow Machines: Dividers and Equalizers (76-WA/FE-23) (A) **F 136**
Calculation of Two-Phase Dispersed Droplet-in-Vapor Flows Including Normal Shock Waves (76-WA/FE-31) (A) **F 137**
A Comparison of Two Computational Procedures Applied to Turbomachinery Flows (77-FE-14) (A) **S 100**
Computation of Annular Turbulent Flow With Rotating Core Tube (77-FE-13) (A) **S 100**
Computer Design and Analysis of Turbine-Generator Fans (76-WA/FE-9) (A) **F 135**
Deceleration Rate Parameter and Algebraic Prediction of Turbulent Boundary Layer (76-WA/FE-7) (A) **F 134**
Design of Two-Dimensional Wind Tunnel Contractions (76-WA/FE-4) (A) **F 134**
Deterministic and Random Wave Forces on Gravity Type Offshore Platforms (76-WA/FE-24) (A) **F 136**
Dynamics of Heat Exchanger Tube Banks (76-WA/FE-28) (A) **F 137**
Effect of Nozzle Shape and Polymer Additives on Water Jet Appearance (77-FE-16) (A) **S 101**
Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) (A) **F 135**
Effects of Additive Ejection on Lifting Hydrofoils (77-FE-27) (A) **O 111**
The Effects of a Single Building on Diffusion—A Combined Laboratory and Field Study (76-WA/FE-27) (A) **F 137**
Entry Flow in Straight and Curved Channels With Slender Channel Approximations (77-FE-2) (A) **S 99**
Evaporation of Small Water Drops Containing Salt in a High-Pressure Steam Environment (76-WA/FE-35) (A) **F 137**
Experimental Data on the Natural Frequency of a Tubular Array (77-FE-10) (A) **S 100**
An Experimental Investigation of Incompressible Channel Flow Near Transition (77-FE-19) (A) **O 110**
An Experimental Study of Flow-Induced Motions of Flexible Cables and Cylinders Aligned with the Flow Direction (76-WA/FE-15) (A) **F 135**
External Convection Heat Transfer Coefficients on a Building Model (76-WA/FE-30) (A) **F 137**
Flow-Induced Vibrations of a Hydraulic Valve and Their Elimination (77-FE-24) (A) **S 101**
Flow Through Porous Media From a Nuclear Cavity (77-FE-23) (A) **O 110**
Fluid Dynamic Excitation of Centrifugal Compressor Rotor Vibrations (77-FE-22) (A) **O 110**
Fluid Elastic Whirling of Tube Rows and Tube Arrays (76-WA/FE-26) (A) **F 137**
High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) (A) **F 137**
The Hydrodynamics Laboratory at the California Institute of Technology—1976 (77-FE-12) (A) **S 100**
Increased Turbulent Jet Mixing Rates Obtained by Self-Excited Acoustic Oscillations (77-FE-18) (A) **S 101**
Influence of Volute Surface Roughness on the Performance of a Centrifugal Pump (77-FE-8) (A) **S 100**
An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers with Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) (A) **F 134**
Instability of Elastically Suspended Tainter-Gate System Caused by Surface Waves on the Reservoir of Dam (77-FE-25) (A) **O 110**
Interaction Between an Oscillating Bubble and a Free Surface (77-FE-6) (A) **S 99**
The Interaction Between Particles and Gas in an Air Classifier (76-WA/FE-32) (A) **F 137**
The Interrelationship Between Eddy Viscosity, Mixing Length, Entrainment and Width Growth Models in Turbulent Flows (77-FE-20) (A) **O 110**
An Investigation of the Forces on Three-Dimensional Bluff Bodies in Rough Wall Turbulent Boundary Layers (76-WA/FE-1) (A) **F 134**
Investigations on Axial Flow Fan Impellers With Forward Blades (77-FE-1) (A) **S 99**
Impact Energy Calculations for a Steam Check Valve Following a Postulated Pipe Rupture (76-WA/FE-8) (A) **F 134**
"IRIS," A Computerized High Head Pump Turbine Design System (76-WA/FE-12) (A) **F 135**
Laminar Throughflow of a Fluid Containing Particles Between Corotating Disks (76-WA/FE-38) (A) **F 138**
Laminar Throughflow of Quality Steam Between Corotating Disks (76-WA/FE-41) (A) **F 138**
Leading-Edge Correction for the Supercavitating Flat-Plate Hydrofoil (77-FE-21) (A) **O 110**
A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (77-FE-4) (A) **S 99**
A Method for Correlating the Characteristics of Centrifugal Pumps in Two-Phase Flow (76-WA/FE-29) (A) **F 137**
A Minimum Drag Criterion for Prisms Mounted Eccentrically in a Channel (77-FE-9) (A) **S 100**
A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) (A) **F 135**
Modeling Environmental Effects on Nozzle Spray Distribu-

tion (76-WA/FE-39) (A) **F 138**
Modes and Operating Zones of Oscillatory Pumps (76-WA/FE-13) (A) **F 135**
Needed: Fluids Engineering Scholar **D 90**
A Novel Physico-Computational Model for Quasi One-Dimensional Gas-Particle Flows (76-WA/FE-36) (A) **F 138**
A Numerical Model for Turbulent Diffusion in Gas-Particle Flows (76-WA/FE-33) (A) **F 137**
Numerical Simulation of Particulate Motion in Turbulent Gas-Solid Channel Flow (76-WA/FE-37) (A) **F 138**
Numerical Study of Transient and Steady Induced Symmetric Flows in Rectangular Cavities (77-FE-17) (A) **O 110**
Optimum Step Design for Centering of Pistons Moving in an Incompressible Fluid (77-FE-30) (A) **O 111**
Organization Fluctuations Due to Flow Past a Square Cross Section Cylinder (76-WA/FE-2) (A) **F 134**
Prediction of Flow Separation in a Diffuser by a Boundary Layer Calculation (76-WA/FE-6) (A) **F 134**
Prediction of Oscillation Frequencies for Unstable Flow Past Cavities (76-WA/FE-17) (A) **F 135**
A Preliminary Study of Flow and Acoustic Phenomena in Tube Banks (77-FE-7) (A) **S 100**
Quasi-Two-Dimensional Analysis of a Flow Through a Centrifugal Pump Impeller (77-FE-29) (A) **O 110**
Reducing Casing Vibrations on Large Vertical Circulating Water Pumps (77-FE-28) (A) **O 110**
Refinement of the Mean Streamline Method of Blade Section Design (76-WA/FE-11) (A) **F 135**
Response of a Turbulent Pipe Flow to a Change in Roughness (77-FE-3) (A) **S 99**
Roughness Element Geometry Required for Wind Tunnel Simulations of the Atmosphere Wind (76-WA/FE-18) (A) **F 135**
Self-Excited Aeroelastic Instability of a Bridge Deck (76-WA/FE-25) (A) **F 136**
Simulation of a Two Cylinder Compressor for Discharge Gas Pressure Oscillation Prediction (76-WA/FE-10) (A) **F 135**
Some Characteristics of High Waves in Closed Channels Approaching Kelvin-Helmholtz Instability (77-ENAs-15) (A) **O 110**
A Survey of Flow Induced Vibrations of Cylindrical Arrays in Cross-Flow (76-WA/FE-21) (A) **F 136**
A Survey of Fluid Mechanics Education of Mechanical Engineers (77-FE-11) (A) **S 100**
Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) (A) **S 99**
A Theoretical Investigation on the Structure of Fan Wakes (76-WA/FE-22) (A) **F 136**
Transport of Crude Oil as Oil-in-Water Emulsions (77-FE-26) (A) **O 110**
Turbulence Measurements in Dilute Polymer Wake Flow (77-FE-31) (A) **O 111**
Turbulent Flow Past a Square Prism (76-WA/FE-5) (A) **F 134**
Use of Electrochemical Methods for the Study of Mass Transfer and Drag Reduction in Polymer Solutions Close to a Wall (77-FE-32) (A) **O 111**
Vortex Excited Oscillations of Yawed Circular Cylinders (76-WA/FE-16) (A) **F 135**

Fluorescent Tags
Observation of Single Small Molecules (BTR) **Mr 58**

Flutter
Flutter of Articulated Pipes at Finite Amplitude (77-APM-9) (A) **S 95**
On Wake-Induced Flutter of a Circular Cylinder in the Wake of Another (77-APM-28) (A) **S 97**
Optical Detection of Blade Flutter (77-GT-66) (A) **Ag 101**
Torsional Flutter in Stalled Cascade (77-GT-72) (A) **Ag 101**

Fly Ash
An Investigation of the Physical Properties of Fly-Ash Influencing the Performance of Electrostatic Precipitators (76-WA/APC-4) (A) **Ap 103**

Fly Ash Conditioning
Fly Ash Conditioning to Improve Precipitator Efficiency with Low Sulfur Coals (76-WA/APC-8) (A) **Ap 104**

Fly Shuttle Loom
Fly-Shuttle Loom Noise **Ap 40**

Flyash
How to Get Flyash (ES) **N 20**

Flyover Noise
Static and Flyover Noise Measurements of an Inverted Profile Exhaust Jet (77-GT-81) (A) **Ag 103**

Flywheels
Flywheels for Energy Storage: A Review with Bibliography (76-DET-96) (A) **Jl 105**
Low-Loss Energy Storage Flywheel (BTR) **S 48**
Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) (A) **S 96**

Focus Collectors
Optical and Thermal Performance Analysis of Three Line Focus Collectors (76-WA/HT-15) (A) **My 100**

Foley, D. Carburization Failure of Type 304 Stainless Tubes in LNG Service (76-Pet-76) (A) **Ja 107**

Foley, M A Simple Technique for the Minimum Mass Design of Continuous Structural Members (77-APM-27) (A) **S 97**

Follansbee, P. S. Heat Transfer Coefficients Around Cylinders in Crossflow in Combustor Exhaust Gases (77-GT-9) (A) **Jl 93**

Food Output
Space Techniques to Boost Food Output (BTR) **Mr 65**

Food Production
Agriculture, Food Production, and Technological Change: A Dynamic System Approach (76-WA/TS-3) (A) **My 88**

Food Storage
Food and Medical Sample Freezer Kit Concept for Shuttle (77-ENAs-23) (A) **N 97**

Forced Convection
Approximate Solution to a Class of Transient Forced Convection Problems (77-GT-58) (A) **Ag 99**
Combined Forced and Free Laminar Convection in Vertical Rod Bundles with Longitudinal Flow (77-HT-44) (A) **O 105**
Determination of the Point of Net Vapor Generation in Forced Convection Subcooled Boiling (76-WA/HT-86) (A) **Je 117**
Forced Convective Heat Transfer in Porous Media with Small Biot Number (77-HT-96) (A) **N 105**

Forced-Cooled Superconductors
Refrigeration for Forced-Cooled Large Superconducting Magnets (76-WA/PID-4) (A) **Je 106**

Forced Fluid Mixing
Heat Transfer in Tube Bundles of Heat Exchangers with Flow Baffles Induced Forced Mixing (76-WA/HT-73) (A) **Je 115**

Forced Oscillation
Forced Oscillation of a Down-hole Hydraulic Fracture (77-Pet-9) (A) **D 106**

Forcing Functions
Vibratory Forcing Functions Produced by Nonuniform Cascades (77-GT-57) (A) **Ag 99**

Foreign Policy
Implementers of Foreign Policy **Je 85**

Forest, T. W. Homogeneous Nucleation of Bubbles at Negative Superheats (77-HT-58) (A) **O 106**

Forging Operation
Disk and Strip Forging for the Determination of Friction and Flow Strength Values (76-WA/Prod-7) (A) **Jl 97**

Forging Operations
The Transport and Breakdown of Solid Lubricants in a Simple Forging Operation (76-Lub-16) (A) **F 141**

Forgings
A New Look at Subcritical Quenching (SCT) for Fatigue Strength Improvement (77-RT-4) (A) **Ag 106**

Forsch, H. Payoff of the Application of Advanced Composite Materials to a Fighter Type Aircraft (76-WA/Aero-13) (A) **My 97**

Forscher, F. Energy Thoughts (C) **F 57**

FORTRAN
New Career Paths in Engineering: The Computer—The Engineer's Tool **My 46**

Forward Flight Conditions
Some Measured and Calculated Effects of Forward Velocity on Propeller Noise (77-GT-70) (A) **Ag 101**

Forward Swept Blades
Investigations on Axial Flow Fan Impellers With Forward Blades (77-FE-1) (A) **S 99**

Fossil Fuel Resources
What's Left? (ES) **Ap 21**

Fossil-Fueled Power Plants
Design and Operating Criteria of Fossil-Fueled Power Plants in Europe (76-JPGC-Pwr-14) (A) **Ja 110**
Fossil-Fueled Power Plant Design European Style **D 41**

Fossil Fuels
Alternative Liquid Fuels and the ERDA Program (76-Pet-15) (A) **Ja 100**
Some Results on Dynamic Characteristics of Major Components of 1200-MW Fossil Fuel Steam Generating Plant (76-JPGC-Pwr-11) (A) **Ja 110**

Foster, J. E. Optimal Cantilever Dynamic Vibration Absorbers (76-WA/DE-17) (A) **Mr 105**

Foster, J. L. A Study of Various Methods of Drill String Make-Up (76-Pet-92) (A) **Ja 108**

Foster, S. The Dynamic Behavior of Nuclear Helium Turbine Plants During By-Pass and Pressure Level Control Operations (77-GT-3) (A) **Jl 92**

Fouling
Characteristics of Rheinisch Brown Coals with Respect to Their Combustion and Fouling Behavior in Thermal Power Stations (76-WA/CD-3) (A) **My 91**

Foundry Equipment
New Foundry Equipment (IF) **D 67**

Four-Link Mechanisms
Synthesis of R-S-S-R Mechanism for Coordinating Input-Output Displacements for Finitely and Infinitesimally Separated Positions (76-WA/DE-5) (A) **Mr 104**
The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) (A) **Ap 99**

Four-Quadrant Characteristics
Measurements of the Performance of an Air Turbine Stage at Positive and Negative Mass Flow and Rotational Speed (Four-Quadrant Characteristics) (77-GT-14) (A) **Jl 94**

Four-Stroke Engines
Short Pipe Manifold Design for Four-Stroke Engines (76-WA/DGP-4) (A) **Ap 100**

Fowler, J. E. Factors Affecting the Design of Turbine-Condenser Connections (76-JPGC-Pwr-3) (A) **Ja 109**

Fox, J. D. *(recipient)* Prime Movers Committee Award **D CR-13**

Fox, J. S. More on Registration (C) **D 50**

Fox, T. H. Appropriate Technology for Developing Countries (76-WA/TS-11) (A) **My 89**

Fraas, A. P. A New Approach to a Fluidized Bed Steam Boiler (76-WA/Pwr-8) (A) **F 133**

Frabotta, D. Lime/Limestone Air Quality Control Systems: Effect of Magnesium on System Performance (76-WA/APC-10) (A) **Ap 103**

Fracture
Characterization of Fracture in Vessels and Piping (76-WA/PVP-2) (A) **Mr 100**

Fracture Analysis
Fracture Analysis of Adhesively Bonded Sheets (76-WA/APM-12) (A) **Jl 103**

Fracture Patterns
Multiple Fracture of Beams Under Localized Impulsive Loading (77-APM-23) (A) **S 97**

Fracture Pressure
A Review of the Elastic Solution for Fracture Pressure (76-Pet-96) (A) **F 138**

Fracture Strength
Fracture Strength and Thermal Shock Resistance of Thick- and Thin-Wall Magnesium-Aluminum-Silicate Ceramic Heat Regenerators (77-GT-98) (A) **Ag 105**

Fracture Toughness
Ultrasonic Measurement of Fracture Toughness (BTR) **Mr 64**

Fractures
Mechanical Properties of Fractures as Function of Healing Time (77-Bio-2) (A) **S 98**

Fracturing
Analytical and Experimental Investigations on Induced Fracturing of Reservoir Rock (76-Pet-8) (A) **Ja 99**

Frain, W. E. Stress Analysis of the Geometric Knee Under Static Loading (77-Bio-6) (A) **S 99**

Frangiadakis, M. *(recipient)* Professional Development Certificate **F 126**

Franke, M. E. Dynamic Response Approximation for Noncircular Fluid Lines (76-WA/Fics-2) (A) **Ap 101**

Frankenberg, T. T. Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (76-WA/APC-1) (A) **Ap 103**

Franks, S. H. Preliminary Design of a Preprototype Water Quality Monitor (77-ENAs-36) (A) **N 99**

Frant, M. S. Preliminary Design of a Preprototype Water Quality Monitor (77-ENAs-36) (A) **N 99**

Frederick, J. R. Synthetic Aperture Ultrasonic Inspection of Pressure Vessels and Piping (77-PVP-23) (A) **N 108**

Frederking, T. H. K. Free Convection at Supercritical Pressures in Cryo-Fluid Helium-1 (76-WA/PID-14) (A) **Je 108**; Free Convection of Supercritical Helium-1 in Vertical Insulated Ducts Carrying Axial Heat Flow

(77-HT-8) (A) **O 101**; He II-He I Two-Phase Convection in Cryo-Fluid He Above the Critical Pressure (76-WA/HT-58) (A) **Je 113**

Free Convection

Combined Forced and Free Laminar Convection in Vertical Rod Bundles with Longitudinal Flow (77-HT-44) (A) **O 105**

Free Convection of Supercritical Helium-1 in Vertical Insulated Ducts Carrying Axial Heat Flow (77-HT-8) (A) **O 101**

Free Convection at Supercritical Pressures in Cryo-Fluid Helium-1 (76-WA/PID-14) (A) **Je 108**

Free-Stream Turbulence

The Effects of Free-Stream Turbulence Intensity and Velocity Distribution on Heat Transfer to Curved Surfaces (77-GT-48) (A) **Ag 98**

Free Surfaces

Interaction Between an Oscillating Bubble and a Free Surface (77-FE-6) (A) **S 99**

Free Vibration

A Comprehensive Free Vibration Analysis of Rectangular Plates with Two Opposite Edges Simply Supported (76-WA/DE-13) (A) **Mr 105**

Free Vibration of Fluid-Coupled Coaxial Cylindrical Shells of Different Lengths (76-WA/APM-3) (A) **Je 109**

A Theorem on the Free Vibration of Damped Systems (77-APM-6) (A) **S 95**

Freedman, J. M. Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) (A) **S 97**

Freeman, J. A. Seismic Qualification of Cable Tray Systems (77-PVP-6) (A) **N 106**

Freeman, T. L. Solar Comments (C) **Ja 54**

Freezer Kit

Food and Medical Sample Freezer Kit Concept for Shuttle (77-ENAs-23) (A) **N 97**

Freezing

Heat Transfer in Soils with Freezing and Melting of Moisture (76-WA/HT-22) (A) **My 100**

Freezing Surfaces

Heat Transfer Through a Freezing or Melting Surface (76-WA/HT-55) (A) **Je 113**

Frei, O. Design and Manufacturing of a Gas Turbine Rotor for Temperature and Vibration Measurements (77-GT-54) (A) **Ag 99**

Freight-Car Truck Components

Laboratory Techniques for Quantifying the Performance of Rail Vehicles Utilizing Servo-Controlled Hydraulic Vertical Actuators (76-WA/RT-5) (A) **Mr 94**

Freight-Car Trucks

Establishing Working Procedures for the Selection of Railroad Freight Car Trucks (76-WA/RT-8) (A) **Mr 94**

Performance Characteristics of Freight-Car Trucks Determined Through Road Testing (76-WA/RT-4) (A) **Mr 94**

Freight Car Wheels

Thermal Patterns in 36-Inch Freight Car Wheels During Service Tests (76-WA/RT-11) (A) **Mr 95**

Freight Cars

Dynamic Simulation of Freight Car and Lading During Impact (77-RT-3) (A) **Ag 106**

Graphical Output-Oriented Computer Model of a Railroad Freight Car With Conventional Trucks (77-RT-11) (A) **Ag 107**

A Method of Field Testing and Data Reduction to Determine Forces Acting on a Freight Car in Revenue Service (76-WA/RT-9) (A) **Mr 95**

Freight Equipment

Progress in Railway Mechanical Engineering (1975–1976 Report of Survey Committee) Cars and Equipment (76-WA/RT-12) (A) **Mr 95**

Freight Pipeline Technology

Freight Pipeline Technology-Energy Requirement Calculations (76-Pet-78) (A) **Ja 107**

French, R. J. Space Shuttle Orbiter Radiator System (77-ENAs-33) (A) **N 98**

Friction

Disk and Strip Forging for the Determination of Friction and Flow Strength Values (76-WA/Prod-7) (A) **Jl 97**

Friction Area

Friction Area and Nozzle Area for Valves and Fittings as New All-Purpose Flow Parameters (76-Pet-2) (A) **Ja 98**

Friedericy, J. A. A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) (A) **Mr 98**

Friedman, E. Temperatures and Distortions Induced by Omega Seal Closure Welding (76-WA/PVP-20) (A) **Mr 102**

Friedman, G. Physical Plant Design-Large Single Train Petrochemical Plants—Arriving at Tomorrow's Concepts (77-Pet-6) (A) **N 109**

Friedman, M. B. Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) (A) **Ja 103**

Friedman, S. Chemical Cleaning of Coal (76-WA/APC-2) (A) **Ap 102**

Friedrich, C. M. A Cycle Counting Procedure for Fatigue Failure Predictions for Complicated Multi-Axial Stress Histories (77-PVP-29) (A) **N 108**

Frigates

COGOG Propulsion Installations in Guided Missile and Standard Class Frigates of the Royal Netherlands Navy (A review of the development from the specific design philosophies to the actual technical, personnel and maintenance/logistic management in service) (77-GT-68) (A) **Ag 101**

Propulsion Gearing Transmission Systems for Guided Missile and Standard Frigates of the Royal Netherlands Navy (77-GT-67) (A) **Ag 101**

Frigeri, C. Use of In-Field Computer for Balancing High Power Turbo-Machinery (77-DET-11) (A) **D 102**

Fritsch, C. W. Fracture Strength and Thermal Shock Resistance of Thick- and Thin-Wall Magnesium-Aluminum-Silicate Ceramic Heat Regenerators (77-GT-98) (A) **Ag 105**

Frost Formation

The Frost Formation on Parallel Plates at Very Low Temperature in a Humid Stream (76-WA/HT-60) (A) **Je 114**

Frost, R. F. U.S. Army Field Medical Equipment Developments for Cold Region Operations (77-ENAs-56) (A) **N 100**

Froth Flotation

Perfecting Jigs and Froth (ES) **My 22**

Fruman, D. H. Effects of Additive Ejection on Lifting Hydrofoils (77-FE-27) (A) **O 111**

Fuchs, F. Experimental Investigations of Supersonic Cascades Designed for High Static Pressure Ratios (77-GT-37) (A) **Ag 97**

Fucinari, C. A. The Effect of Fin Geometry and Manufacturing Process on Ceramic Regenerator Thermodynamic Performance (77-GT-61) (A) **Ag 100**

Fuel Assemblies

Critical Heat Flux in PWR Fuel Assemblies (77-HT-92) (A) **N 105**

Effect of Rod Bowing on CHF in PWR Fuel Assemblies (77-HT-91) (A) **N 105**

Evaluation of a Fuel Assembly for a Nuclear Merchant Ship (76-WA/NE-18) (A) **Ap 94**

Fuel Assembly

Experimental Determination of Interior Subchannel Cross Flow and Axial Flow in a Model of the Clinch River Breeder Reactor Fuel Assembly Rod Bundle with Wire Wrap Spacers (76-WA/HT-83) (A) **Je 116**

Fuel Bed Matrices

Some Characteristics of Fires Within Uniform Fuel Matrices (77-HT-71) (A) **N 102**

Fuel Cell Power Plants

Fuel Cell Plants by '85 (BTR) **Ap 55**

Fuel Cells

Fuel Cells (CB) **Jl 106**

Fuel Conservation

Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) (A) **Ag 105**

Fuel Consumption

Design Criteria for Reducing Pollutant Emissions and Fuel Consumption by Residential Oil-Fueled Combustors (76-WA/Fu-10) (A) **Je 103**

Fuel Control

Fluidic Fuel Control for a Small Recuperated Gas Turbine Engine (76-WA/Flcs-5) (A) **Ap 101**

Fuel Detection Systems

The Development of the Super-Sipper In-Core and Out-of-Core Failed Fuel Detection Systems (76-WA/NE-20) (A) **Ap 95**

Fuel Droplet Velocities

Turbulence Measurements of Spray Flames (77-HT-15) (A) **O 101**

Fuel Economy

Fuel Economy vs. Emission Levels: Three Approaches (BTR) **Jl 54**

Influences on the Fuel Economy of an Automotive Gas Turbine (77-GT-92) (A) **Ag 104**

Update: Automobile Fuel Economy **D 30**

Fuel-Economy Motor Oil

Gasoline-Saving Motor Oil (BTR) **D 61**

Fuel Fired Boilers

Particulate Emissions From Residual Fuel Fired Boilers: Influence of Combustion Modification (76-WA/APC-3) (A) **Ap 103**

Fuel Nozzle Sprays

The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays Part I: The Drop-Size/Volume-Fraction Distribution (76-WA/GT-9) (A) **Mr 97**; Part II: The Drop-Size/Number Distribution (76-WA/GT-10) (A) **Mr 97**

Fuel Performance

Fuel Performance in Babcock & Wilcox Pressurized Water Reactors (76-WA/NE-16) (A) **Ap 94**

Radiochemical Evaluation of Babcock and Wilcox's Commercial Pressurized Water Reactor Fuel Performance (76-WA/NE-19) (A) **Ap 95**

Fuel Performance Evaluation

Fuel Performance Evaluation after the First Cycle of Operation at Indian Point Unit No. 2 (76-WA/NE-17) (A) **Ap 95**

Fuel Prices

The Fuel Price Spiral (ES) **N 21**

Thermal Performance and Reliability Requirements of 5000 Hp to 15,000 Hp High Speed Mechanical Drive Turbines (76-Pet-4) (A) **Ja 98**

Fuel Rod Bowing

Fuel Rod Bowing Resulting from Internal Pellet Motion (77-HT-29) (A) **O 103**

Fuel Spray

Fuel Spray Trajectory in Diesel Engines (77-DGP-1) (A) **D 100**

Fuel Storage

Rubber Bladder for Ocean Fuel Storage (BTR) **Ag 50**

Fuel Temperature Reduction

The Spill Control and Recovery Valve—A New Concept for Reducing Fuel Temperatures and the Cost of Ownership of Gas Turbine Control Systems (77-GT-56) (A) **Ag 99**

Fuel Turbopumps

The Space Shuttle Main Engine High-Pressure Fuel Turbopump Rotordynamic Instability Problem (77-GT-49) (A) **Ag 99**

Fuels

Aqueous Solution Scrubbing for NO_x Control in Munitions Incineration (76-WA/Fu-9) (A) **Je 103**

Coal-in-Oil: A Substitute Boiler Fuel (76-WA/Fu-2) (A) **Je 102**

Combustion of Pulverized Solvent-Refined Coal (76-WA/Fu-6) (A) **Je 102**

Design Criteria for Reducing Pollutant Emmissions and Fuel Consumption by Residential Oil-Fueled Combustors (76-WA/Fu-10) (A) **Je 103**

Development of the Chemically Active Fluid Bed Process, A Status Report and Discussion (76-JPGC-Fu-4) (A) **Ja 111**

Empirical Correlation of Coal Ash Viscosity with Ash Chemical Composition (76-WA/Fu-3) (A) **Je 102**

Improvement of Seasonal Efficiency of Residential Heating Systems (76-WA/Fu-7) (A) **Je 103**

Koppers-Totzek Gasification for Electric Power Generation (76-JPGC-Fu-1) (A) **Ja 111**

Liquefied Natural Gas Imports: The Potential for Additional Sources of Natural Gas for Electric Power Generation (76-JPGC-Fu-3) (A) **Ja 111**

Oil Conservation in Home Heating (76-WA/Fu-8) (A) **Je 103**

Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) (A) **Je 103**

Status of EPA's Residential Space Heating Research Program—1976 (76-WA/Fu-4) (A) **Je 103**

Superturbulent Combustion Noise (76-WA/Fu-1) (A) **Je 102**

Utilization of Petroleum Crude Oils as Boiler and Combustion Turbine Fuels (76-JPGC-Fu-2) (A) **Ja 111**

Fujita, N. Effects of Modeling Variations on RELAP4 Predictions of Standard Problem Five (76-WA/HT-52) (A) **Je 113**

Fujita, R. K. Comparisons of RELAP4 Predictions with Steady-State Two-Phase Critical Flow Data (76-WA/HT-51) (A) **Je 112**

Fukuda, M. Natural Convection Heat Transfer Models for Downhole Heat Exchanger Applications in Shallow Geothermal Systems (77-HT-55) (A) **O 106**

Fulkerson, D. A. Flow Field Coupling Between Compression System Components in Asymmetric Flow

(77-GT-17) (A) **JI 94**

Fuller, E. R., Jr. Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) (A) **Mr 99**

Function Generation

Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) (A) **Ap 96**

Fundamental Research

Fundamental Research Needs: A Status Report of the Task Force on Fundamental Research (76-WA/RGPC-5) (A) **JI 96**

Funk, P. E. Transmissibility Study of a Flexibly Mounted Rolling Element Bearing ina Porous Bearing Squeeze-Film Damper (76-Lub-4) (A) **F 139**

Furnace Charger

Safe Furnace Charger (IF) **D 66**

Furnaces

DEPAF—A Computer Model for Design and Performance Analysis of Furnaces (77-HT-11) (A) **O 100**

Radiation from a Methanol Furnace (77-HT-14) (A) **O 101**

Fusion

"Cleaning Up" Fusion Process (ES) **Je 25**

PEPR/ITR (ES) **Je 25**

Review of the Conceptual Design of a Doublet Fusion Experimental Power Reactor (76-WA/NE-9) (A) **Ap 93**

What's Wrong with Fusion R & D? (ES) **Ag 18**

Fusion Power

Feedback on Fusion (C) **JI 50**

The Future with Fusion Power **Ap 22**

Fusion Power Systems

Fusion Technology Program (EN) **Ag 69**

Fusion Reactor Blankets

Thermal-Hydraulic Analysis of Low-Activity Fusion Blanket Designs (77-HT-85) (A) **N 104**

A Two-Phase-Flow Cooling Concept for Fusion Reactor Blankets (77-HT-86) (A) **N 105**

Fusion Research

Space Spinoff Aids Fusion Research (BTR) **S 50**

G

Gaggioli, R. A. Economics of Feedwater Heater Replacement (76-JPGC-Pwr-7) (A) **Ja 109**

Gajendran, F. On the Design of Servo Systems with Low Sensitivity (76-WA/Aut-4) (A) **My 92**

Galloway, T. L. A Study of Commuter Aircraft Design (77-GT-36) (A) **JI 95**

Galloway, W. J. Noise Reduction Potential for the Existing Business Jet Fleet (77-GT-76) (A) **Ag 102**

Gallus, H. E. Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) (A) **JI 93**

Gammage, W. E. A Method for Analysis of a Prototype Articulated Multiline Marine Production Riser System (76-Pet-46) (A) **Ja 103**

Gammage, W. F. Design, Fabrication, and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) (A) **Ja 103**

Gangarao, H. V. Analytical and Experimental Investigations on Induced Fracturing of Reservoir Rock (76-Pet-8) (A) **Ja 99**

Ganic, E. N. On the Mechanism of Liquid Drop Deposition in Two-Phase Flow (76-WA/HT-18) (A) **My 100**

Gantry Cone

Finite Element Analysis of Reclaimer Gantry Cone (76-WA/MH-2) (A) **My 90**

Gany, A. Aerothermochemistry of Metal Erosion by Hot Reactive Gases (77-HT-12) (A) **O 101**

Gardner, D. Determination of Burst Pressures for Cracked Steam Generator Tubes (77-PVP-31) (A) **D 102**

Gardner, G. C. Evaporation of Small Water Drops Containing Salt in a High-Pressure Steam Environment (76-WA/FE-35) (A) **F 137**

Gardner, W. W. Bearing Oil Delivery by Disk-Scraper Means (76-Lub-2) (A) **F 139**

Garg, P. A Preliminary Assessment of Solar Energy Technology (76-WA/TS-1) (A) **My 88**

Garg, V. K. Development of a Simulation Methodology for Optimizing Locomotive Suspension Systems (77-RT-6) (A) **Ag 107**; Dynamic Simulation of Freight Car and Lading During Impact (77-RT-3) (A) **Ag 106**

Garner, L. L. Rotary Drilling Bits 1976 (76-Pet-93) (A) **Ja 108**

Garrity, W. E. Structural Reliability Assurance of an LMFBR Reactor Vessel (76-WA/Saf-2) (A) **Ap 95**

Gartshore, I. S. Roughness Element Geometry Required for Wind Tunnel Simulations of the Atmosphere Wind (76-WA/FE-18) (A) **F 135**

Garvey, J. R. Elections to Fellow Grade **Ag 95**

Gas Bearings

A Variable Wave Speed Technique for the Steady-State Analysis of Low-Clearance Gas Bearings (76-Lub-17) (A) **F 140**

Gas Compressor Impellers

Service Experience of High Strength Cast 17-4PH Gas Compressor Impellers in Corrosive Environments (76-Pet-27) (A) **Ja 101**

Gas-Detector Dogs

K-9 Detector (BTR) **N 55**

Gas Fields

Aga Oil and Gas Field (IF) **Je 64**

Gas-Filled Enclosures

Radiation Heat Transfer in Molecular-Gas Filled Enclosures (77-HT-16) (A) **O 101**

Gas Flow

Radiative and Convective Transfer for Real Gas Flow Through a Tube With Specified Wall Heat Flux (77-HT-13) (A) **O 101**

Gaseous Radwaste

Test Performance of a Cryogenic Distillation System for BWR Gaseous Radwaste Treatment (76-WA/PID-13) (A) **Je 108**

Gases

A General Formulation and Analytical Solutions for Multi-Dimensional Radiative Transfer in Nongray Gases (77-HT-51) (A) **O 106**

Aerothermochemistry of Metal Erosion by Hot Reactive Gases (77-HT-12) (A) **O 101**

The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) (A) **Je 114**

Gasification

Integrated Low-Btu Gasification, Combined Cycle Plant Interface and Power System Control Considerations (76-JPGC-GT-3) (A) **Ja 111**

Gas Industry

A Learning Program for Engineering and Scientific Professionals in the Oil and Gas Industry Concerning Metrication and SI Units (76-Pet-10) (A) **Ja 99**

Gas Lubricated Bearings

An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (76-Lub-9) (A) **F 140**

Gas Lubrication

Dynamic Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) (A) **F 143**

Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (76-Lub-32) (A) **F 143**

Gas Mileage

Six Percent Better Gas Mileage (ES) **Ja 19**

Gas Motion

The Interaction Between Particles and Gas in an Air Classifier (76-WA/FE-32) (A) **F 137**

Gasoline Mileage

Gasoline-Saving Motor Oil (BTR) **D 61**

Gas Mixers

Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) (A) **Ag 105**

Gas-Particle Flow

Erosion of a Tube by Gas-Particle Flow (76-WA/Mat-9) (A) **Mr 99**

Gas-Particle Flows

A Novel Physico-Computational Model for Quasi One-Dimensional Gas-Particle Flows (76-WA/FE-36) (A) **F 138**

A Numerical Model for Turbulent Diffusion in Gas-Particle Flows (76-WA/FE-33) (A) **F 137**

Gas Pressure Oscillation

Simulation of a Two Cylinder Compressor for Discharge Gas Pressure Oscillation Prediction (76-WA/FE-10) (A) **F 135**

Gas Pumps

The Gas Pump (76-Pet-101) (A) **F 139**

Gas Sampling Systems

Continuous-Flow Gas Sampling System (EN) **My 68**

Gas-Solid Channel Flow

Numerical Simulation of Particulate Motion in Turbulent Gas-Solid Channel Flow (76-WA/FE-37) (A) **F 138**

Gas Supply

R & D on Gas Supply and Conservation (ES) **O 27**

Gas Thrust Bearings

The Dual Action Gas Thrust Bearing—A New High Load Bearing Concept (76-Lub-11) (A) **F 140**

Gas Tracers

Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (76-WA/APC-1) (A) **Ap 103**

Gas-Transmission Pipelines

Two-Phase Flow in Gas-Transmission Pipelines (76-Pet-25) (A) **Ja 101**

Gas Turbine Combustors

Account of Mainstream Turbulence for Predicting Film Cooling Effectiveness in Gas Turbine Combustors (77-HT-10) (A) **O 101**

Radical Overshoot Phenomena in Liquid Fueled Gas Turbine Combustors (77-GT-5) (A) **JI 92**

Gas Turbine Conference

Adiabatic Wall Temperature and Heat Transfer Downstream of Injection Through Two Rows of Holes (77-GT-50) (A) **Ag 99**

Aerothermodynamic Performance of a Variable Nozzle Power Turbine Stage for an Automotive Gas Turbine (77-GT-95) (A) **Ag 104**

Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) (A) **Ag 105**

Aluminous-Kealite—An Improved Rotary Ceramic Regenerator Core Material (77-GT-60) (A) **Ag 100**

Ammonia Turbomachinery Design Considerations for the Direct Cycle Nuclear Gas Turbine Waste Heat Power Plant (77-GT-75) (A) **Ag 102**

An Application of TF25 Gas Turbine Engine to Hovercraft Operation in Japan (77-GT-90) (A) **Ag 104**

Applications of a Scattering Spectrometer System for Marine Aerosol Measurement (77-GT-32) (A) **Ag 97**

Approximate Solution to a Class of Transient Forced Convection Problems (77-GT-58) (A) **Ag 99**

Boundary-Layer Development on an Axial-Flow Compressor Stator Blade (77-GT-11) (A) **JI 93**

Catalytic Combustion Modeling: Comparisons With Experimental Data (77-GT-85) (A) **Ag 104**

Characteristics of an Anechoic Chamber for Fan Noise Testing (77-GT-74) (A) **Ag 102**

COGOG Propulsion Installations in Guided Missile and Standard Class Frigates of the Royal Netherlands Navy (A review of the development from the specific design philosophies to the actual technical, personnel and maintenance/logistic management in service) (77-GT-68) (A) **Ag 101**

Computation of the Temperature Distribution in Cooled Radial Flow Turbine Guide Vanes (77-GT-83) (A) **Ag 103**

Considerations Concerning the Layout of Nuclear Helium Turbine Power Plants with Optimum Economy (77-GT-79) (A) **Ag 102**

Cooling Considerations for Design of a Radial Inflow Turbine (77-GT-82) (A) **Ag 103**

Description, Output and Development Prospects of a 750‡C Helium Direct Cycle Nuclear Power Plant with a Single Turbomachine and Intermediate Cooling (77-GT-2) (A) **JI 92**

Design Considerations for Heat Recovery System for DD-963 Class Ship (77-GT-106) (A) **Ag 105**

Design and Development of a High-Pressure Combustor for Aero-Gas-Turbines (77-GT-96) (A) **Ag 105**

Design and Manufacturing of a Gas Turbine Rotor for Temperature and Vibration Measurements (77-GT-54) (A) **Ag 99**

Design Methodology for Ceramic Structures (77-GT-40) (A) **Ag 97**

Design and Performance of Selected Pipe-Type Diffusers (77-GT-104) (A) **Ag 105**

Design Properties of Silicon Nitride for High Temperature Gas Turbine Application (77-GT-55) (A) **Ag 99**

The Design of Turbomachinery for the Gas Turbine (Direct Cycle) High Temperature Gas Cooled Reactor Power Plant (77-GT-38) (A) **Ag 97**

Development of the Centrifugal Compressor for the Nissan Vehicular Gas Vehicular Gas Turbine (77-GT-100) (A) **Ag 105**

Development of a Hybrid Catalytic Combustor (77-GT-84) (A) **Ag 103**

The Dynamic Behavior of Nuclear Helium Turbine Plants During By-Pass and Pressure Level Control Operations (77-GT-3) (A) **JI 92**

The Effect of Fin Geometry and Manufacturing Process on Ceramic Regenerator Thermodynamic Performance (77-GT-61) (A) **Ag 100**

The Effect of a Transversely Injected Stream on the Flow Through Turbine Cascades: Part 1—Flow Effects (77-GT-87) (A) **Ag 103**

The Effect of a Transversely Injected Stream on the Flow Through Turbine Cascades: Part 2—Performance Changes (77-GT-88) (A) **Ag 103**

Effect of Water-Cooling Turbine Blades on Advanced Gas Turbine Power Systems (77-GT-80) (A) **Ag 102**

The Effects of Free-Stream Turbulence Intensity and VelocityDistribution on Heat Transfer to Curved Surfaces (77-GT-48) (A) **Ag 98**

Emissions and Performance of Catalysts for Gas Turbine Catalytic Combustors (77-GT-65) (A) **Ag 100**

The Energy Release to Static Gas from a 12-Joule High Energy Ignition System (77-GT-18) (A) **JI 92**

Engine Cycle Selection and Propulsion System Integration for Future High Performance Fighter Aircraft (77-GT-101) (A) **Ag 105**

Evaluation of a Premixed, Prevaporized Gas Turbine Combustor for No. 2 Distillate (77-GT-69) (A) **Ag 101**

Experience with Gas/Steam Combined Cycle Turbines on a Natural Gas Pipeline (77-GT-8) (A) **JI 92**

Experimental Analysis of a Hybrid Ceramic-Wrought Superalloy Turbine Rotor (77-GT-7) (A) **JI 93**

Experimental Investigations of Supersonic Cascades Designed for High Static Pressure Ratios (77-GT-37) (A) **Ag 97**

Experimental Study of the Flow Field Within a Transonic Axial Compressor Rotor by Laser Velocimetry and Comparison With Through-Flow Calculations (77-GT-28) (A) **JI 95**

Experimentally Determined Stability Parameters of a Subsonic Cascade Oscillating Near Stall (77-GT-47) (A) **Ag 98**

Experiments on the Transient Response of Oil-Film Dampers (77-GT-31) (A) **Ag 96**

Fabrication of Rectangular Cell Ceramic Regenerators for Use in Gas Turbine Engines (77-GT-111) (A) **Ag 106**

Fan Inlet Disturbances and Their Effect on Static Aroustic Data (77-GT-63) (A) **Ag 101**

The First Year's Operating Experience-GE LM2500 Gas Turbine in USS Spruance (DD-963) (77-GT-107) (A) **Ag 105**

Flow Field Coupling Between Compression System Components in Asymmetric Flow (77-GT-17) (A) **JI 94**

A Flow Model for Centrifugal Compressor Rotors (77-GT-62) (A) **Ag 100**

Fracture Strength and Thermal Shock Resistance of Thick- And Thin-Wall Magnesium-Aluminum-Silicate Ceramic Heat Regenerators (77-GT-98) (A) **Ag 105**

Further Developments in the Aerodynamic Analysis of Unsteady Supersonic Cascades Part 1: The Unsteady Pressure Field(77-GT-44) (A) **Ag 98**, Part 2: Aerodynamic Response Predictions (77-GT-45) (A) **Ag 98**

Gas Turbine Installations for Air Cushion Vehicle Lift and Propulsion Power—The AALC JEFF Craft (77-GT-71) (A) **Ag 101**

Gas Turbine Power Plants of Large Unit Capacity in Standard Construction (77-GT-21) (A) **JI 94**

Gas Turbine Salt Ingestion Analysis (77-GT-20) (A) **JI 94**

Gas-Turbine Total Energy System for a Cement Plant (77-GT-22) (A) **JI 94**

Heat Transfer Coefficients Around Cylinders in Crossflow in Combustor Exhaust Gases (77-GT-9) (A) **JI 93**

A High-Speed Rolling-Element Bearing Loss Investigation (77-GT-86) (A) **Ag 103**

High-Temperature Potential of Uncooled Radial Turbines (77-GT-46) (A) **Ag 98**

Improving Turbo Compressor Efficiency via Performance Analysis Techniques (77-GT-53) (A) **Ag 99**

Influences on the Fuel Economy of an Automotive Gas Turbine (77-GT-92) (A) **Ag 104**

Interaction of the Rotor Blade Shock Waves in Supersonic Compressors With Upstream Stator Vanes (77-GT-93) (A) **Ag 104**

Inverse Computation of Profile Shapes for Given Transonic Flow-Configuration With and Without Detached Bow-Shocks in Two-Dimensional Turbomachinery Cascades (77-GT-33) (A) **Ag 97**

Investigation of Squeeze Film Damper Forces Produced by Circular Centered Orbits (77-GT-30) (A) **Ag 96**

Investment Economics of Industrial Gas Turbines (77-GT-26) (A) **JI 94**

Land Gas Turbine Exhaust Noise (77-GT-12) (A) **JI 92**

Life Cycle Cost as a Propulsion System Design Consideration (77-GT-99) (A) **Ag 104**

Measurements of the Performance of an Air Turbine Stage at Positive and Negative Mass Flow and Rotational Speed (Four-Quadrant Characteristics) (77-GT-14) (A) **JI 94**

Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) (A) **JI 93**

A Method of Calculating the Slip Factor of Centrifugal Compressors from Deviation (77-GT-64) (A) **Ag 101**

NASA's Quiet, Clean General Aviation Turbofan (QCGAT) Program Status (77-GT-77) (A) **Ag 102**

The Need for Cost/Benefit Analysis When Developing Environmental Standards (77-GT-89) (A) **Ag 104**

A New 10,000-hp Gas Turbine Engine foIndustrial Service (77-GT-4) (A) **JI 92**

Noise Reduction Potential for the Existing Business Jet Fleet (77-GT-76) (A) **Ag 102**

The NOx Emission Levels of Unconventional Fuels for Gas Turbines (77-GT-16) (A) **JI 94**

Operational and Maintenance Experience of an Industrial Type 14-MW Gas Turbine (77-GT-78) (A) **Ag 102**

Optical Detection of Blade Flutter (77-GT-66) (A) **Ag 101**

FT4E-The Optimization of Proven Modular Industrial Gas Turbine (77-GT-23) (A) **JI 94**

An Optimizing Design Point Program for Selection of a Gas Turbine Cycle (77-GT-108) (A) **Ag 106**

Optimum Bearing and Support Damping for Unbalance Response and Stability of Rotating Machinery (77-GT-27) (A) **JI 95**

A Potential Low NOx Emission Combustor for Gas Turbines Using the Concept of Hybrid Combustion (77-GT-15) (A) **Ag 96**

Prediction of Compressor Performance in Rotating Stall (77-GT-10) (A) **JI 93**

Primary System Design Studies for Advanced Direct Cycle Nuclear Gas Turbine Plant (77-GT-25) (A) **Ag 96**

Probabilistic Aspects of Designing with Ceramics (77-GT-41) (A) **Ag 97**

Progress on Ceramic Rotor Blade Development for Industrial Gas Turbines (77-GT-42) (A) **Ag 98**

Propulsion Gearing Transmission Systems for Guided Missile and Standard Frigates of the Royal Netherlands (77-GT-67) (A) **Ag 101**

Quiet, Clean, Short-Haul Experimental Engines (QCSEE)—A Technology Development Program (77-GT-109) (A) **Ag 106**

Radical Overshoot Phenomena in Liquid Fueled Gas Turbine Combustors (77-GT-5) (A) **JI 92**

Real-Time Test Techniques for Sea-Salt Aerosol-Seaparator Evaluation (77-GT-29) (A) **JI 95**

Reliability and Durability of Ceramic Regenerators in a Gas Turbines (77-GT-59) (A) **Ag 100**

Selection of a High-Efficiency Regenerator for Pipeline Gas Turbines (77-GT-39) (A) **Ag 97**

The Shaft Coupled Lift/Cruise Fan Propulsion System for Navy Multimission V/STOL Aircraft (77-GT-112) (A) **Ag 106**

Small Regenerative Gas Turbine Design and Development at MTU (77-GT-103) (A) **Ag 105**

Some Measured and Calculated Effects of Forward Velocity on Propeller Noise (77-GT-70) (A) **Ag 101**

The Space Shuttle Main Engine High-Pressure Fuel Turbopump Rotordynamic Instability Problem (77-GT-49) (A) **Ag 99**

The Spill Control and Recovery Valve—A New Concept for Reducing Fuel Temperatures and the Cost of Ownership of Gas Turbine Control Systems (77-GT-56) (A) **Ag 99**

Stability of Squeeze-Film-Damper Supported Flexible Rotors (77-GT-51) (A) **Ag 99**

Static and Flyover Noise Measurements of an Inverted Profile Exhaust Jet (77-GT-81) (A) **Ag 102**

Status Report of the Turbofan Engine Development Program in Japan (77-GT-102) (A) **Ag 105**

Steady-State Performance of Squeeze Film Damper Supported Flexible Rotors (77-GT-52) (A) **Ag 99**

Steam and Closed Gas Turbine Cycle (77-GT-24) (A) **JI 94**

Stingray Pipeline Automated Measurement and Control System (77-GT-91) (A) **Ag 104**

Structural and Cooling Aspects of the Aden Nonaxisymmetric Exhaust Nozzle (77-GT-110) (A) **Ag 106**

A Study of an Advanced Automotive Radial Turbine—A Design Procedure Considering Rotor Loss Distributions and Exit Flow Patters (77-GT-6) (A) **JI 92**

A Study of Commuter Aircraft Design (77-GT-36) (A) **JI 95**

Three-Shaft Automotive Turbine-Transmission Systems of the KTT Type-Performance and Features (77-AGT-94) (A) **Ag 104**

Torsional Flutter in Stalled Cascade (77-GT-72) (A) **Ag 101**

Transonic Normal Shock-Turbulent Boundary Layer Interaction in Pressure Gradient Flows (77-GT-34) (A) **JI 95**

The Use of Liquid Natural Gas as Heat Sink for Power Cycles (77-GT-19) (A) **JI 94**

The Variable Geometry in Supersonic Compressors (77-GT-35) (A) **JI 95**

Variable Power Turbine Nozzle System Mechanical Development (77-GT-105) (A) **Ag 105**

Vibratory Forcing Functions Produced by Nonuniform Cascades (77-GT-57) (A) **Ag 99**

The V.P.I. Gas Turbine and Turbomachinery Research Laboratory (77-GT-73) (A) **Ag 102**

Gas Turbine Engines

A New 10,000-hp Gas Turbine Engine for Industrial Service (77-GT-4) (A) **JI 92**

Gas Turbine Engine Variables

Estimation and Control of Critical Gas Turbine Engine Variables (76-WA/Aut-12) (A) **My 93**

Gas Turbine Exhaust Noise

Land Gas Turbine Exhaust Noise (77-GT-12) (A) **JI 92**

Fluidic Compressor Bleed Valve Control for Small Gas Turbine Engines (76-WA/Flcs-7) (A) **Ap 101**

Fluidic Fuel Control for a Small Recuperated Gas Turbine Engine (76-WA/Flcs-5) (A) **Ap 101**

Gas Turbine Power Plants

Gas Turbine Power Plants of Large Unit Capacity in Standard Construction (77-GT-21) (A) **JI 94**

Gas Turbines

Advances in Automotive Gas Turbines **O 38**

An Approach to Measurement of Performance of a Combined Cycle Plant (76-JPGC-GT-6) (A) **Ja 111**

Correction of S-Type Pitot-Static Tube Coefficients When Used for Isokinetic Sampling From Stationary Sources (76-WA/GT-6) (A) **Mr 97**

The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays Part I: The Drop-Size/Volume-Fraction Distribution (76-WA/GT-9) (A) **Mr 97**

The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays, Part II: The Drop-Size/Number Distribution (76-WA/GT-10) (A) **Mr 97**

Digital Simulation of Fixed and Variable Geometry Free Gas Turbine Engines Based on Quasi-Steady Approach (76-WA/GT-1) (A) **Mr 96**

Evaluation of a Staged Fuel Combustor for Turboprop Engines (76-WA/GT-5) (A) **Mr 96**

Experience with Gas/Stream Combined Cycle Turbines on a Natural Gas Pipeline (77-GT-8) (A) **JI 92**

Gas Turbine Engineers Highlight New Fuels, Materials, Applications **My 74**

Heterogeneous Catalysis of Lean Ethylene/Air Mixtures by Platinum Coated Wire Screens (76-WA/GT-2) (A) **Mr 96**

High-Performance Ceramic-Based Vehicular Gas Turbines **Mr 35**

A High-Pressure, High-Temperature Combustor and Turbine-Cooling Test Facility (76-WA/GT-4) (A) **Mr 96**

Integrated Low-Btu Gasification, Combined Cycle Plant Interface and Power System Control Considerations (76-JPGC-GT-3) (A) **Ja 111**

Model Calculations of the Combustion Product Distributions in the Primary Zone of a Gas Turbine Combustor (76-WA/GT-7) (A) **Mr 97**

Power Generation from Shale Oil Process Off-Gas (76-JPGC-GT-4) (A) **Ja 111**

Prediction of Yield in Ductile Materials Operating at Creep Temperatures (76-WA/GT-11) (A) **Mr 98**

Recent Tests of Industrial Gas Turbine Combustors Fueled with Simulated Low Heating Value Coal Gas (76-WA/GT-3) (A) **Mr 96**

A Second-Law Analysis of the Air-Storage Gas Turbine System (76-JPGC-GT-2) (A) **Ja 111**

Shock Tube Simulates Gas Turbine Conditions (BTR) **O 65**

A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) (A) **Mr 98**

Turbo Machinery Systems for Compressed Air Energy Storage (76-JPGC-GT-1) (A) **Ja 111**

Underground Compressed Air Storage Power-Parametric Analysis of Cycles and Cost for Various Concepts (76-JPGC-GT-5) (A) **Ja 111**

Unsteady Aerodynamic Forces on Vibrating Transonic Turbine Cascades (76-WA/GT-8) (A) **Mr 97**

Gatley, W. S. Noise Control by Regulation—An Engineering Challenge (77-RC-16) (A) **Ag 109**

Gauzes

An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers with Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) (A) **F 134**

Gdoutos, E. E. Experimental Solution of Flwxed Plates by the Method of Caustics (77-APM-12) (A) **S 96**

Gearing Transmission Systems

Propulsion Gearing Transmission Systems for Guided Missile and Standard Frigates of the Royal Netherlands Navy (77-GT-67) (A) **Ag 101**

Gear Products

New-Generation Gear Line (BTR) **Ag 55**

Gebhart, B. Elections to Fellow Grade **JI 90**

Geist, J. M. Spontaneous Stratification in LNG Tanks Containing Nitrogen (76-WA/PID-6) (A) **Je 106**

General Motors Program

GM Program Started at Lehigh (EN) **JI 72**

Generator Ducts

Effects of Slagging in MHD Generator Ducts (77-HT-59) (A) **O 106**

Genin, J. Vibratory Identification of Beam Boundary Conditions (76-WA/Aut-1) (A) **My 92**

Geometric Knee

Stress Analysis of the Geometric Knee Under Static Loading (77-Bio-6) (A) **S 99**

Geometric Optics

Propagation of a Shock Wave Front Across a Curved Fluid-Solid Interface (76-WA/APM-9) (A) **Je 110**

Geostationary Aperational Environmental Satellites

Hurricane Watch from Space (BTR) **S 52**

Geothermal Applications

Operational Limitations of Direct Contact Boilers for Geothermal Applications (77-HT-5) (A) **O 101**

Geothermal Aquifers

Convection in Porous Medium Heated from Below: The Effect of Temperature Dependent Viscosity and Thermal Expansion Coefficient (77-HT-56) (A) **O 106**

Geothermal Brines

Testing of Direct Contact Heat Exchangers for Geothermal Brines (77-HT-4) (A) **O 101**

Geothermal Effluents

Design of a Low-Cost Space Heating System Using Warm Geothermal or Industrial Effluents (77-DE-26) (A) **S 91**

Geothermal Energy

Geothermal Energy as a Source of Electric Power: Thermodynamic and Economic Design Criteria (CB) **Ap 108**

Hot Rock Energy: Geothermal Breakthrough (BTR) **N 60**

New Career Paths in Engineering—Geothermal Energy **N 50**

New Career Paths in Engineering: Ocean Engineering **S 42**

New Career Paths in Engineering—Preparing for an Engineering Career **Ap 48**

New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**

Geothermal Engineering

New Career Paths in Engineering: Applications of Solar Energy **O 50**

New Career Paths in Engineering—Materials: The Stuff of Which Things Are Made **Ag 38**

Geothermal Power

Evaluation and Design Considerations for Liquid-Liquid Direct Contact Heat Exchangers for Geothermal Applications (77-HT-2) (A) **O 100**

A Parametric Study of a Heat Exchanger Designed for Geothermal Power Plant Application (77-HT-1) (A) **O 100**

Geothermal Reservoirs

Heat Transfer in Formation as a Geothermal Reservoir Engineering Tool (77-HT-88) (A) **N 105**

Laboratory Studies of Nonisothermal Fluid Production from Fractured Geothermal Reservoirs (77-HT-53) (A) **O 106**

Geothermal Systems

Application of Direct Contact Heat Exchangers in Geothermal Systems (77-HT-3) (A) **O 100**

Natural Convection Heat Transfer Models for Downhole Heat Exchanger Applications in Shallow Geothermal Systems (77-HT-55) (A) **O 106**

Germanium

Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurment (76-WA/TM-2) (A) **Je 104**

Gessner, F. B. A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (77-FE-4) (A) **S 99**

Ghuman, A. S. Turbocharged Diesel Engine Simulation to Predict Steady-State and Transient Performance (77-DGP-5) (A) **D 98**

Giaever, S. *(recipient)* Honorary Membership **D CR-12**

Giedt, W. H. Calculation of Two-Phase Dispersed Droplet-in-Vapor Flows Including Normal Shock Waves (76-WA/FE-31) (A) **F 137**; *(recipient)* Heat Transfer Memorial Award **Ja CR-7**

Gill, J. Training Requirements to Accompany Advancement and Technology—A Manufacturer's and Supplier's Viewpoint (76-Pet-7) (A) **Ja 99**

Gill, H. S. Engineering Management—A Challenge in Leadership **F 45**

Gilpin, R. R. The Ground Temperature Boundary Condition Provided by a Moss Covered Surface (76-WA/HT-61) (A) **Je 114**

Gimera, R. J. 70-MW(t) LMFBR Steam Generator Test Facility (76-JPGC-NE-3) (A) **Ja 112**

Gimpel, J. *(author)* The Medieval Machine—The Industrial Revolution of the Middle Ages (CB) **My 103**

"Giraffe Cage" Antenna

Circular Antenna Signals Success (BTR) **F 61**

Giramonti, J. Effect of Water-Cooling Turbine Blades on Advanced Gas Turbine Power Systems (77-GT-80) (A) **Ag 102**

Girolami, G. Parametric Design of a Rotary-Combustion Test Engine (76-WA/DE-25) (A) **Ap 96**

Glaser, P. E. Where the Sun Shines Bright (C) **Ap 51**

Glass

Radioactive Waste Converted to Glass (BTR) **D 61**

Glass Fibers

Stronger-Than-Steel Glass Fibers (BTR) **Mr 59**

Glass Honeycomb

Performance Measurements of a Cylindrical Glass Honeycomb Solar Collector Compared with Predictions (76-WA/Sol-3) (A) **F 131**

Glicksman, L. R. The Proper Use of Thermal Storages for a Solar Assisted Heat Pump Heating System (76-WA/HT-76) (A) **Je 116**

Gluckman, M. Integrated Low-Btu Gasification, Combined Cycle Plant Interface and Power System Control Considerations (76-JPGC-GT-3) (A) **Ja 111**

Glucose Reforming

Reforming of Glucose and Wood at the Critical Conditions of Water (77-ENAs-2) (A) **O 108**

Godfrey, R. Low-Velocity Heat Transfer to a Flat Plate in the Presence of a Corona Discharge in Air (76-WA/HT-47) (A) **Je 112**

Godfrey, R. D. Thermal Performance of Paraffin Phase Change Materials Dispersed in a Concrete Mortar Filler Matrix (76-WA/HT-33) (A) **Je 110**

Goglia, G. L. A Numerical Study of Flow Phenomena Within a Vortex Sink Rate Sensor (76-WA/Flcs-12) (A) **Ap 102**

Goland, M. Low S/N Ratio Hampers Engineering Progress **Ag 26**

Goland, Y. Mechanical and Structural Design Consideration for Internals in Electrostatic Precipitators (76-WA/Pwr-7) (A) **F 133**

Golay, M. W. Design of an Optimal Total Energy System for a Large Military 112; Evaluation of Combined Thermal Storage Pond/Dry Cooling Tower Waste Heat Disposal System (77-HT-57) (A) **O 106**; Interferometric Investigation of Turbulently Fluctuating Temperature in an LMFBR Outlet Plenum Geometry (76-WA/HT-82) (A) **Je 117**; Validation of Turbulence Models for LMFBR Outlet Plenum Flows (77-HT-34) (A) **O 103**

Goldberg, J. Experimental Data on the Natural Frequency of a Tubular Array (77-FE-10) (A) **S 100**

Goldberg, J. E. Analysis of Moderately Thick Flanged Pressure Vessels (77-PVP-48) (A) **D 104**

Goldfinch, A. L. A Method for Correlating the Characteristics of Centrifugal Pumps in Two-Phase Flow (76-WA/FE-29) (A) **F 137**

Goldhoff, R. M. Appropriate Technology: An Approach to Satisfying the Technical Needs of Developing Countries (76-WA/TS-12) (A) **My 89**

Goldsmith, R. L. Dynamic Membrane Hyperfultration Wash Water Recovery (77-ENAs-21) (A) **N 97**

Goldstein, H. L. Particulate Emissions From Residual Fuel Fired Boilers: Influence of Combustion Modification (76-WA/APC-3) (A) **Ap 103**

Goldstein, R. J. Adiabatic Wall Temperature and Heat Transfer Downstream of Injection Through Two Rows of Holes (77-GT-50) (A) **Ag 99**

Golstein, P. Effluent Reduction Through Water Conservation and Reuse as Pollution Control Measures for Petroleum Refineries (76-Pet-71) (A) **Ja 106**

Gonnella, V. New High-Density Spent Fuel Rack Design (76-WA/NE-2) (A) **Ap 92**

Gooch, A. Wear Protection for Casing and Tool Joints (76-Pet-88) (A) **Ja 108**

Goodson, R. W. Conversion of a Products Pipeline to Crude Oil Batching Operation (77-Pet-19) (A) **D 106**

Goodwin, L. G. Design for Product Liability Prevention (76-WA/Saf-1) (A) **Ap 95**; Product Safety and Product Liability: Return to Fundamentals (77-RC-9) (A) **Ag 108**

Gooper, C. P. Energy Conversion Research—An Assessment of Need in the U.S.A. (76-WA/RGPC-6) (A) **JI 95**

Goradia, S. G. Pollution Parlance (C) **My 49**

Gordon, H. *(editor)* Perspectives on the Energy Crisis: Technical, Regulatory, Environmental, Economic, Prospective. Vol. 1 (CB) **S 103**

Gordon, H. S. Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) (A) **S 96**

Gordon, J. L. OUTCUR: An Automated Evaluation of Two-Dimensional Finite Element Stresses According to ASME Section III Stress Requirements (76-WA/PVP-16) (A) **Mr 101**; Three-Dimensional Evaluation of a Large Circular Disk with Circular Penetrations (76-WA/PVP-8) (A) **Mr 100**

Goree, W. Development of Large Fiberglass Reinforced Plastic Dewars for Superconducting Magnets at 4 K (76-WA/PID-11) (A) **Je 107**

Gorman, D. J. A Comprehensive Free Vibration Analysis of Rectangular Plates with Two Opposite Edges Simply Supported (76-WA/DE-13) (A) **Mr 105**

Gottlich, F. J. The Construction of a Large Steam Electric Unit in an Urban Area—An Environmental Case History (76-JPGC-Pwr-13) (A) **Ja 110**

Government Intern Program

Washington Welcomes Student Interns (NR) **JI 68**

Government Publications

Government Publications: A Guide to Bibliographic Tools, Incorporating Government Organization Manuals: A Bibliography (CB) **D 109**

Gradient Stress Fields

Determination of Stress Intensity Factors for Gradient Stress Fields (76-WA/PVP-10) (A) **Mr 100**

Graduate Programs

Master of Engineering at Carnegie-Mellon (EN) **D 74**

Graebel, W. P. The Elasticity of Sclera, Cornea, and Choroid, and its Implications on Scleral Rigidity and Accommodations (77-Bio-5) (A) **S 99**

Graff, W. J. Junction Stresses for a Conical Section Joining Cylinders of Different Diameter Subject to Internal Pressure (76-Pet-31) (A) **Ja 102**

Grant, E. L. *(author)* Principles of Engineering Economy (CB) **N 112**

Grant, M. A. Permeability Reduction Factors at Wairakei (77-HT-52) (A) **O 105**

Grants

Solar Research Grant (EN) **D 74**

Graphics

Detailing a New Diesel Engine Design Using a Three-Dimensional Interactive Graphic System (76-WA/DGP-2) (A) **Ap 100**

On-Line Graphics Pays Off as Input Data Chicker (CT) **Ag 74**

Graphite Epoxy

Design and Manufacture of Graphite Epoxy Payload Bay Doors for the Shuttle Orbiter (76-WA/Aero-12) (A) **My 97**

Graphite/Epoxy Structures

Graphite/Expoxy Structures-Design and the Manufacturing Interface (77-DE-15) (A) **S 90**

Graphite Reinforced Plastics

Simplified Design With Graphite Reinforced Plastics (77-DE-14) (A) **S 89**

Graves, R. F. A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) (A) **Mr 98**

Gravitation

An Analysis of a Two-Stream Gravity-Feed Mixing Process (77-DE-44) (A) **S 93**

Gravity Platforms

Deterministic and Random Wave Forces on Gravity Type

Offshore Platforms (76-WA/FE-24) (A) **F 136**
Wave Excited Oscillations of a Gravity Platform (76-Pet-33) (A) **Ja 102**
Gray, R. E. Emergency Escape Breathing Apparatus for Ships (77-ENAs-58) (A) **N 101**
Graybill, J. E. "IRIS," A Computerized High Head Pump Turbine Design System (76-WA/FE-12) (A) **F 135**
Greenhill's Formula
The Application of Greenhill's formula to Cable Hockling (76-WA/APM-31) (A) **JI 104**
Green, L. Jr., Gas-Turbine Total Energy System for a Cement Plant (77-GT-22) (A) **JI 94**; Hydropretorting of Oil Shale and Nuclear Process Heat (76-WA/Ener-3) (A) **Ap 105**
Green, W. F. "Ocean" Picture Making Waves (C) **D 52**
Greene, P. R. Increased-Turbulent Jet Mixing Rates Obtained by Self-Excited Acoustic Oscillations (77-FE-18) (A) **S 101**
Greenough, B. M. Dynamic Membrane Hyperfiltration Wash Water Recovery (77-ENAs-21) (A) **N 97**
Greene, A. Alive, Well, and Willing (C) **S 46**
Gregor, W. The Interaction Between Particles and Gas in an Air Classifier (76-WA/FE-32) (A) **F 137**
Gregory, E. W. A Class of Maximum Load Capacity Sector Thrust Bearings (76-Lub-6) (A) **F 140**
Greitzer, E. M. *(recipient)* Heat Transfer Memorial Award **D CR-13**
Greizer, E. M. Flow Field Coupling Between Compression System Components in Asymmetric Flow (77-GT-17) (A) **JI 94**
Greitzer, E. M. Prediction of Compressor Performance in Rotating Stall (77-GT-10) (A) **JI 93**
Griepentrog, H. Steam and Closed Gas Turbine Cycle (77-GT-24) (A) **JI 94**
Griffith, J. J. A Fluidically-Controlled Aircraft Environmental Control System Breadboard (76-WA/Flcs-3) (A) **Ap 101**
Griffith, P. Down Sloping Inclined Pipe Flow Regime Transactions (76-Pet-30) (A) **Ja 101**; Down Sloping Inclined Pipe Pressure Drop and Holdup (76-Pet-29) (A) **Ja 102**
Griffith, V. E. Improved Cryogenic Processing—(Application of Multistage Turbo-Expander Design to Cryogenic Processes) (76-WA/PID-12) (A) **Je 107**
Griggs, E. I. An Experimental and Analytical Investigation of a Solar Water Heater (76-WA/Sol-22) (A) **Mr 103**; Optimal Mass Flow Rates Through Flat Plate Solar Collector Panels (76-WA/Sol-19) (A) **F 132**
Grinders
On the Doubly Regenerative Stability of a Grinder: the Combined Effect of Wheel and Workpiece Speed (76-WA/Prod-19) (A) **JI 98**
Grinding Safety
High-Speed Portable Grinding Safety (77-RC-3) (A) **Ag 108**
Grochowsky, L. D. Heat Transfer Between an Impinging Jet and a Rotating Disk (76-WA/HT-2) (A) **My 97**
Groenwold, G. M. Performance and Sociability of Comprex Supercharged Diesel Engine (77-DGP-4) (A) **D 98**
Gronbaek, J. Optimum Design of Ribbon and Wire Wound Cylinders for Metal Forming Dies (76-WA/Prod-28) (A) **JI 99**
Gronseth, J. R. Promoting Effective Coordination Among Marketing, Engineering and Manufacturing (77-DE-7) (A) **S 89**
Grood, E. S. Estimation of Systemic Arterial Impedance in Man from Cardiac Catheterization Data (76-WA/Bio-6) (A) **JI 102**
Groot, H. W. *(recipient)* Arthur L. Williston Medal **D CR-13**
Grosshandler, W. L. Radiation from a Methanol Furnace (77-HT-14) (A) **O 101**
Grossman, D. G. Aluminous-Keatite—An Improved Rotary Ceramic Regenerator Core Material (77-GT-60) (A) **Ag 100**
Gross National Product
Economic Growth in the Future: The Growth Debate in National and Global Perspective (CB) **Mr 107**
Ground Temperatures
Effect of an Elevated Pipeline on Ground Temperature (76-WA/HT-56) (A) **Je 113**
The Ground Temperature Boundary Condition Provided by a Moss Covered Surface (76-WA/HT-61) (A) **Je 114**
Group Scheduling
Group Scheduling Technique for Multiproduct, Multistage Manufacturing Systems (76-WA/Prod-27) (A) **JI 99**
Grut, R. J. On the Right Track? (C) **JI 50**
Guatesen, A. K. Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) (A) **S 96**
Guayule Bush
Where Has All the Rubber Gone? (NR) **My 65**
Guenther, D. A. Design for Product Liability Prevention (76-WA/Saf-1) (A) **Ap 95**; Product Safety and Product Liability: Return to Fundamentals (77-RC-9) (A) **Ag 108**
Guide Vanes
Computation of the Temperature Distribution in Cooled Radial Inflow Turbine Guide Vanes (77-GT-83) (A) **Ag 103**
The Variable Geometry in Supersonic Compressors (77-GT-35) (A) **JI 95**
Guided Missiles
COGOG Propulsion Installations in Guided Missile and Standard Class Frigates of the Royal Netherlands Navy: (A review of the development from the specific design philosophies to the actual technical, personnel and maintenance/logistic management in service) (77-GT-68) (A) **Ag 101**
Propulsion Gearing Transmission Systems for Guided Missile and Standard Frigates of the Royal Netherlands Navy (77-GT-67) (A) **Ag 101**
Guideways
Dynamic Interactions Between Vehicles and Elevated, Felxible Randomly Irregular Guideways (76-WA/Aut-2) (A) **My 92**
Guilinger, W. H. Comparison of Interative and Direct Solution Methods for Substructuring (77-PVP-36) (A) **D 103**
Guins, S. G. Estimating Effect of Heavy Wheel Loads on Rail Life Roller Bearing Analogy (77-RT-9) (A) **Ag 107**

Gulbrand, K. A. Power System Economics: An Evaluation of Plant Auxiliary System Incremental Kilowatt Consumption (76-WA/Pwr-2) (A) **F 133**
Gulf Coast Salt Domes
Crude Oil Working Storage in a Gulf Coast Salt Dome (76-Pet-67) (A) **Ja 106**
Gulya, J. A. Improved 2¼ Cr-1 Mo Pressure Vessel Steel Through Electroslag Remelting (76-Pet-1) (A) **Ja 98**
Gun Barrels
Reduction of Heat Transfer to High Velocity Gun Barrels by Wear-Reducing Additives (77-HT-19) (A) **O 102**
Gunkel, R. J. A Space Station for the 1980's—A Look at the Next Generation of Operational Systems and Their Functional Requirements (77-ENAs-37) (A) **N 98**
Gunter, E. J. Optimum Bearing and Support Damping for Unbalance Response and Stability of Rotating Machinery (77-GT-27) (A) **JI 95**; Design of Nonlinear Squeeze Film Dampers for Aircraft Engines (76-Lub-25) (A) **F 142**; Systems of Finite Elements for Finite Bearings (76-Lub-13) (A) **F 141**
Gupta, B. P. Experimental Evaluation of a Cylindrical Parabolic Solar Collector (76-WA/HT-13) (A) **My 99**
Gupta, G. D. *(recipient)* Henry Hess Award **Ja CR-7**
Strain Energy Release Rate for Mixed Mode Crack Problem (76-WA/PVP-7) (A) **Mr 100**
Gupta, S. K. Accurate Spectral Modeling for Infrared Radiation (77-HT-69) (A) **N 102**
Gupta, P. K. Vibrational Characteristics of Ball Bearings (76-Lub-8) (A) **F 140**
Gustafson, J. E. LINCAGES: **L**inkages **IN**teractive **C**omputer **A**nalysis and **G**raphically **E**nhanced **S**ynthesis **P**ackage (77-DET-5) (A) **D 101**
Gutstein, M. U. Description of Thermal Storage Sub-System Designs for ERDA's 10 MW(e) Solar Central Receiver Pilot Plant (76-WA/HT-68) (A) **Je 115**
Guven, O. Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) (A) **F 135**; A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) (A) **F 135**
Guyer, E. C. Evaluation of Combined Thermal Storage Pond/Dry Cooling Tower Waste Heat Disposal System (77-HT-57) (A) **O 106**
Gyrobondgraph
The Gyrobondgraph: A Canonical Form for Multiport System Models (76-WA/Aut-6) (A) **My 92**

H

Hadcock, R. N. Payoff of the Application of Advanced Composite Materials to a Fighter Type Aircraft (76-WA/Aero-13) (A) **My 97**
Hadden, J. A. Effects of Truck Design on Hunting Stability of Railway Vehicles (76-WA/RT-1) (A) **Mr 94**
Haddenhorst, H.-G. *(recipient)* Prime Movers Committee Award **Ja CR-7**
Haefner, K. B. A Fluidically-Controlled Aircraft Environmental Control System Breadboard (76-WA/Flcs-3) (A) **Ap 101**
Haemmerle, J. Mechanical Analysis of Polycentric Tibial Track Loosening (77-Bio-7) (A) **S 99**
Hafner, E. R. Proper Lubrication, The Key to Better Bearing Life—Part 2: Some Typical Lubricating Problems and Their Solutions **N 46**
Hagemeister, K. Small Regenerative Gas Turbine and Development at MTU (77-GT-103) (A) **Ag 105**
Hagen D. L. Flywheels for Energy Storage: A Review with Bibliography (76-DET-96) (A) **JI 105**
Hageniers, O. Fixed Edge Bending Moments of Thin Rectangular Cantilever Plates Due to Line Loading (77-DET-119) (A) **D 102**
Hagstrom, J. Stiffness Coefficients and Allowable Loads for Nozzles in Flat Bottom Storage Tanks (77-PVP-19) (A) **N 107**
Hahn, E. J. Steady-State Performance of Squeeze Film Damper Supported Flexible Rotors (77-GT-52) (A) **Ag 99**; Stability of Squeeze-Film-Damper Supported Flexible Rotors (77-GT-51) (A) **Ag 99**
Hai, S. M. Analysis, Practical Applications and Design of Unsteady Flow Machines: Dividers and Equalizers (76-WA/FE-23) (A) **F 136**
Half Planes
The Plane Solution for the Elastic Contact Problem of a Semi-Infinite Strip and Half Plane (76-WA/APM-17) (A) **JI 103**
Hall, J. L. Correction of S-Type Pitot-Static Tube Coefficients When Used for Isokinetic Sampling From Stationary Sources (76-WA/GT-6) (A) **Mr 97**
Hall, R. E. Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) (A) **Je 103**; Status of EPA's Residential Space Heating Research Program—1976 (76-WA/Fu-4) (A) **Je 103**
Halley's Comet
Rendezvous With Halley's Comet (BTR) **S 48**
Hallick, T. M. Development of a Three-Man Preprototype Independent Air Revitalization Subsystem (IARS) (77-ENAs-31) (A) **N 97**
Halmi, D. Proposal for a "Standardized Questionnaire" for Flowmeters (76-WA/FM-4) (A) **Je 105**
Halpin, D. D. *(author)* Design of Construction and Process Operations (CB) **Ja 115**
Ham, I. Group Scheduling Technique for Multiproduct, Multistage Manufacturing Systems (76-WA/Prod-27) (A) **JI 99**
Hamed, A. Computation of the Temperature Distribution in Cooled Radial Inflow Turbine Guide Vanes (77-GT-83) (A) **Ag 103**; Cooling Considerations for Design of a Radial Inflow Turbine (77-GT-82) (A) **Ag 103**
Hamilton, A. B. A Learning Program for Engineering and Scientific Professionals in the Oil and Gas Industry Concerning Metrication and SI Units (76-Pet-10) (A) **Ja 99**
Hamilton's Principle
Transient Response of Three-Layered Rings (77-APM-21) (A) **S 96**
Hammitt, F. G. High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) (A) **F 137**
Hammock, A. A. Safe Operation and Control of Large Single Train Petrochemical Plants (77-Pet-13) (A) **D 106**
Hamrock, B. J. Isothermal Elastohydrodynamic Lubrication of Point Contacts Part III—Fully Flooded Results (76-Lub-30) (A) **F 143**; Part IV—Starvation Results (76-Lub-31) (A) **F 142**; *(recipient)* Melville Medal **Ja CR-7**; Optimum Step Design for Centering of Pistons Moving in an Incompressible Fluid (77-FE-30) (A) **O 111**; Performance of 75-Millimeter Bore Arched Outer-Race Ball Bearings (76-Lub-18) (A) **F 141**
Han, J. T. A Computer-Aided Feel Cam Design (77-DE-48) (A) **S 94**
Hand Fins
Hand Fin for Swimming (BTR) **O 59**
Handling Facilities
Safety and Health Considerations in Handling, Processing, and Storage Facilities of Refuse Derived Fuel

(77-RC-11) (A) **Ag 108**

Handwriting Movements

Telltale Pulses from Pen and Tablet (BTR) **O 64**

Haneda, H. *(recipient)* Prime Movers Committee Award **D CR-13**

Hannebrink, D. N. Influence of Axle Load, Track Gauge, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) (A) **Mr 94**

Hannemann, R. J. *(recipient)* Henry Hess Award **D CR-13**; Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) (A) **Je 104**

Hanover Fair

1977 Hanover Fair (IF) **Ap 62**

Hansen, A. C. Operational Limitations of Direct Contact Boilers for Geothermal Applications (77-HT-5) (A) **O 101**

Hansen, R. J. An Experimental Study of Flow-Induced Motions of Flexible Cables and Cylinders Aligned with the Flow Direction (76-WA/FE-15) (A) **F 135**

Hanson, M. P. Ethics Problem (C) **O 54**

Hard Rocks

High-Pressure Jet-Drilling Experiments in Some Hard Rocks (76-Pet-50) (A) **Ja 104**

Hardgrove, R. M. *(recipient)* ASME Honorary Membership **Ja CR-6**

Hardware

The Computer Wave (CT) **Jl 76**

Graphite/Epoxy Structures-Design and the Manufacturing Interface (77-DE-15) (A) **S 90**

Hardware Testing

Space Station Prototype Advanced Life Support System Hardware Testing (77-ENAs-32) (A) **N 98**

Harker, R. G. A Dedicated Mini-Computer Based Monitoring System for Turbomachinery Protection and Analysis (76-Pet-13) (A) **Ja 99**

Harmonic Functions

Vibrational Analysis of Mechanics Using Constant Length Finite Elements (76-WA/DE-21) (A) **Ap 99**

Harmonic Oscillations

An Alternative Representation of the Elastic-Viscoelastic Correspondence Principle for Harmonic Oscillations (77-APM-11) (A) **S 95**

Harold, P. F. Measurements of Torsional Dynamic Characteristics of The San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) (A) **Ja 109**

Harper, L. J. Experimental Determination of Interior Subchannel Cross Flow and Axial Flow in a Model of the Clinch River Breeder Reactor Fuel Assembly Rod Bundle with Wire Wrap Spacers (76-WA/HT-83) (A) **Je 116**

Harpers Ferry Armory

Harpers Ferry Armory and the New Technology: The Challenge of Change (CB) **O 113**

Harradine, P. J. Improved Management of Finite Element Analysis (76-WA/Aero-10) (A) **My 96**

Harris, D. O. A Means of Assessing the Effect of Periodic Proof Testing and NDE on the Reliability of Cyclically Loaded Structures (77-PVP-44) (A) **D 104**

Harris, L. R. Ultrafiltration of Black and Gray Wastewater (77-ENAs-57) (A) **N 101**

Hart, F. T. Development of a Training Program for Compliance with the Consumer Products Safety Act (77-RC-14) (A) **Ag 109**

Hartman, T. Design and Simulation Studies for the Shenandoah Community Center Large-Scale Solar Cooling Demonstration (76-WA/Sol-15) (A) **Mr 103**

Hartmann, P. W. Development of a Simulation Methodology for Optimizing Locomotive Suspension Systems (77-RT-6) (A) **Ag 107**

Hartnett, J. P. *(editor)* Alternative Energy Sources (CB) **Jl 106**

Hartzell, R. L. High Notch Toughness Steel for Large LPG Tanks (76-Pet-57) (A) **Ja 104**

Haselden, G. G. The Potential of Medium Purity Oxygen in Energy Conservation (76-WA/PID-7) (A) **Je 107**

Hashirizaki, S. Influence of Inner Surface Defects on the Fatigue Strength of Pipe Subjected to Cyclic Internal Pressure (77-PVP-41) (A) **D 104**

Haslinger, K. H. Experimental Data on the Natural Frequency of a Tubular Array (77-FE-10) (A) **S 100**

Hassan, H. A. *(recipient)* Charles Russ Richards Memorial Award **D CR-12**

Haug, E. J., Jr. Mechanical Design Optimization for Transient Dynamic Response (76-WA/DE-27) (A) **Mr 105**

Hauser, S. G. Exploring Stability Criteria of Solar Ponds (76-WA/HT-62) (A) **Je 114**

Hawaii, W. *(author)* The Robotosyncrasies (CB) **Ag 111**

Hawkins, D. Last Word on Professionalism (C) **Mr 53**

Hawley, J. Energy Policy Recommendations (C) **Ag 43**

Haworth, D. R. New Career Paths in Engineering—Preparing for an Engineering Career **Ap 48**

Hawthorne, K. L. Development of a Simulation Methodology for Optimizing Locomotive Suspension Systems (77-RT-6) (A) **Ag 107**

Hayatdavoudi, A. Hydraulic Fracturing Thin Coal Seams in Preparation for In-Situ Gasification (76-Pet-98) (A) **F 139**

Hayden, A. C. S. Oil Conservation in Home Heating (76-WA/Fu-8) (A) **Je 103**

Hayes, J. K. Experimental Stress Analysis for Four 24-in ANSI Standard B 16.9 Tees (77-PVP-4) (A) **N 106**

Haynes, R. R. The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) (A) **Ja 104**

Hayward, G. H. Toward Intergrated Structural Design with Advanced Composites (76-WA/Aero-11) (A) **My 97**

Hazards

Hazard Description of Power Lawnmowers (77-DE-12) (A) **S 89**

Head, V. P. Statistical Improvement in Differential Producer Type Flowmeters (76-WA/FM-1) (A) **Je 105**

Head-Change Systems

Advance in Automation of Large Parts (BTR) **N 63**

Head Pump Turbines

"IRIS," A Computerized High Head Pump Turbine Design System (76-WA/FE-12) (A) **F 135**

Headgear Design

Bioengineering Considerations in the Design of Protective Headgear (76-WA/Bio-8) (A) **Jl 102**

Healing Fractures

Mechanical Properties of Fractures as Function of Healing Time (77-Bio-2) (A) **S 98**

Health Care Delivery

New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**

Health Hazards

Health Effects of Energy Production (NB) **S 65**

'75 Health Record of U.S. Industry Up Dramatically (BTR) **Mr 59**

Safety and Health Considerations in Handling, Processing, and Storage Facilities of Refuse Derived Fuel (77-RC-11) (A) **Ag 108**

Heard, T. C. Experience with Gas/Steam Combined Cycle Turbines on a Natural Gas Pipeline (77-GT-8) (A) **Jl 92**

Hearing Loss

Industrial Noise and Hearing Loss (NB) **Je 76**

Heart Valves

Testing of Prosthetic Heart Valves (76-WA/‡Bio-3) (A) **Jl 101**

Heat Conduction

A Perturbation Approach to Heat Conduction with Temperature Dependent Generation and Thermal Conductivity (77-HT-28) (A) **O 103**

Shape-Factor Correlations for Transient Heat Conduction from Irregular-Shaped Rock Fragments to Surrounding Fluid (77-HT-54) (A) **O 106**

Thermal Performance Deterioration in Crossflow Heat Exchanger Due to Longitudinal Heat Conduction in the Wall (76-WA/HT-8) (A) **My 98**

Transient Heat Conduction in a Finite Medium with Phase Change (76-WA/HT-3) (A) **My 97**

Heat Exchangers

Application of Direct Contact Heat Exchangers in Geothermal Systems (77-HT-3) (A) **O 100**

The Complex Flows in Real-Life Heat Exchangers **O 90**

Computer Aided Design of a Shell and Tube Heat Exchanger for Oil and Asphalt Heating (76-WA/HT-6) (A) **My 98**

Computer Program as a Tool for Heat Exchanger Rating and Design (76-WA/HT-4) (A) **My 97**

Considerations in Designing High Temperature Dump Heat Exchangers (76-JPGC-NE-7) (A) **Ja 112**

Contact Conductance of Mechanically Expanded Plate Finned Tube Heat Exchangers (77-HT-24) (A) **O 102**

Development of a Lightweight Long-Life Heat Exchanger (77-ENAs-29) (A) **N 97**

Dynamics of Heat Exchanger Tube Banks (76-WA/FE-28) (A) **F 137**

Effects of Nonuniform Passages on Deepfold Heat Exchanger Performance (76-WA/HT-32) (A) **Je 111**

Experimental Evaluation of Water Surface Heat Exchange (77-HT-41) (A) **O 104**

Evaluation and Design Considerations for Liquid-Liquid Direct Contact Heat Exchangers for Geothermal Applications (77-HT-2) (A) **O 100**

Heat Exchanger and Thermal Storage Problems in Stations Serving District Heating Networks (77-HT-36) (A) **O 104**

Heat Transfer Across Centrifugally Stabilized Liquid-Liquid Interfaces: Application to Extracorporeal Heat Exchanger Design (76-WA/Bio-9) (A) **Jl 102**

Heat Transfer Considerations of a Nonconvecting Solar Pond Heat Exchanger (76-WA/Sol-4) (A) **F 131**

Heat Transfer in Tube Bundles of Heat Exchangers with Flow Baffles Induced Forced Mixing (76-WA/HT-73) (A) **Je 115**

Longitudinal Conduction in a Three-Fluid Heat Exchanger (76-WA/HT-9) (A) **My 98**

Modeling Heat Exchangers as Part of a Large System Simulation (77-ENAs-9) (A) **O 108**

Natural Convection Heat Transfer Models for Downhole Heat Exchanger Applications in Shallow Geothermal Systems (77-HT-55) (A) **O 106**

A Parametric Study of a Heat Exchanger Designed for Geothermal Power Plant Application (77-HT-1) (A) **O 100**

Performance Ranking of Plate-Fin Heat Exchanger Surfaces (76-WA/HT-31) (A) **Je 110**

Specifics of Heat Exchanger Design for a 2000-MWt Dual Cycle, MHD Topping-Steam Bottoming Power Plant (77-HT-61) (A) **O 107**

Testing of Direct Contact Heat Exchangers for Geothermal Brines (77-HT-4) (A) (A) **O 101**

Thermal Analysis Techniques for Regenerative Heat Exchanger Simulation (76-WA/HT-7) (A) **My 98**

Thermal Performance Deterioration in Crossflow Heat Exchanger Due to Longitudinal Heat Conduction in the Wall (76-WA/HT-8) (A) **My 98**

Heat Flux

Fluid Flow and Convective Heat Transfer in Square Capillary Ducts Subjected to Nonuniform High Heat Flux (76-WA/HT-29) (A) **My 101**

Heat Exchanger Tubes

Nondestructive Testing of Ferromagnetic and Nonferromagnetic Heat Exchanger Tubing from the ID for Wall Thinning and Cracks (76-Pet-36) (A) **Ja 102**

Heat Flow

Free Convection of Supercritical Helium-1 in Vertical Insulated Ducts Carrying Axial Heat Flow (77-HT-8) (A) **O 101**

Heat Flux

Analysis of Mixed Convection Across a Horizontal Cylinder with Uniform Surface Heat Flux (77-HT-45) (A) **O 105**

A General Formulation and Analytical Solutions for Multidimensional Radiative Transfer in Nongray Gases (77-HT-51) (A) **O 106**

Radiative and Convective Transfer for Real Gas Flow Through a Tube with Specified Wall Heat Flux (77-HT-13) (A) **O 101**

Heat Flux Fouling

Post-Critical Heat Flux Fouling by Steam Corrosion Products in a Model Sodium Heated Steam Generator (76-WA/NE-12) (A) **Ap 94**

Heat Loss

Airborne Infrared Scans Residential Heat Loss (BTR) **Ap 53**

Heat Pipe Radiator

Modular Heat Pipe Radiator (77-ENAs-39) (A) **N 99**

Heat Pipes

Boiling Limited Heat Pipes in a Mid-Temperature Range (150 to 300°C) (77-HT-39) (A) **O 104**

Fabrication and Comparative Performance of Three Variable Conductance Heat Pipe Concepts (77-ENAs-42) (A) **N 99**

Heat Pipes in Flat Plate Solar Collectors (76-WA/Sol-12) (A) **Mr 102**

Heat Pumps

The Proper Use of Thermal Storages for a Solar Assisted Heat Pump Heating System (76-WA/HT-76) (A) **Je 116**

Thermal Simulation of a Building with Solar Assisted Closed Liquid Loop Unitary Heat Pumps (76-WA/Sol-23) (A) **Mr 103**

Heat Recovery

Diesel and Dual Fuel Engines with Heat Recovery (77-DGP-20) (A) **D 100**

Heat Recovery Systems
Design Considerations for Heat Recovery System for DD-963 Class Ship (77-GT-106) (A) **Ag 105**
Heat Sinks
The Performance of the Water Bubbler Heat Sink for the EF-111 Aircraft (77-ENAs-11) (A) **N 96**
The Use of Liquid Natural Gas as Heat Sink for Power Cycles (77-GT-19) (A) **Jl 94**
Heat Storage Exchangers
Transient Behavior of a Solid Sensible Heat Thermal Storage Exchanger (77-HT-37) (A) **O 104**
Heat Storage Units
Design Optimization of a Single Fluid, Solid Sensible Heat Storage Unit (76-WA/HT-64) (A) **Je 114**
Heat Transfer
Account of Mainstream Turbulence for Predicting Film Cooling Effectiveness in Gas Turbine Combustors (77-HT-10) (A) **O 101**
Accurate Spectral Modeling for Infrared Radiation (77-HT-69) (A) **N 102**
Adiabatic Wall Temperature and Heat Transfer Downstream of Injection Through Two Rows of Holes (77-GT-50) (A) **Ag 99**
Advances in Liquid Fluidized-Bed Heat Exchanger Development (77-HT-66) (A) **N 101**
Aerothermochemistry of Metal Erosion by Hot Reactive Gases (77-HT-12) (A) **O 101**
Analysis of Arrays of Extended Surface (77-HT-31) (A) **O 103**
An Analysis of Deep Submerged Multiple-Port Buoyant Discharges (76-WA/HT-19) (A) **My 100**
The Analysis of Finned Catalytic Heat Exchangers (77-HT-67) (A) **N 102**
Analysis of a Flat Mirror Solar Concentrator (76-WA/HT-11) (A) **My 99**
Analysis of Mixed Convection Across a Horizontal Cylinder with Uniform Surface Heat Flux (77-HT-45) (A) **O 105**
Analysis of a New Concept for a High Temperature Direct Coal-Fired Falling Particle Air Pre-Heater for MHD Power Generation (77-HT-60) (A) **O 106**
Application of Direct Contact Heat Exchangers in Geothermal Systems (77-HT-3) (A) **O 100**
Application of Schwarz-Neumann Technique to Fully Developed Laminar Heat Transfer in Noncircular Ducts (76-WA/HT-49) (A) **Je 112**
An Approach for Determining the Impact of Peak Coolant Temperature on Fusion Reactor Size and Electricity Costs (77-HT-73) (A) **N 103**
An Approximate Solution for the Energy Equation with Radiant Participating Media (77-HT-70) (A) **N 102**
Assessment of Surface-Heating Problems in Laser-Fusion Reactors (77-HT-83) (A) **N 104**
Boiling Limited Heat Pipes in a Mid-Temperature Range (150 to 300°C) (77-HT-39) (A) **O 104**
Collaborative Utilization of Computing Techniques to Achieve Energy-Effective Design of Buildings (76-WA/HT-23) (A) **My 100**
Combined Conductive and Radiative Heat Transfer in an Absorbing and Scattering Medium (77-HT-50) (A) **O 105**
Combined Forced and Free Laminar Convection in Vertical Rod Bundles with Longitudinal Flow (77-HT-44) (A) **O 105**
Comparisons of RELAP4 Predictions with Steady-State Two-Phase Critical Flow Data (76-WA/HT-51) (A) **Je 112**
Computer Aided Design of a Shell and Tube Heat Exchanger for Oil and Asphalt Heating (76-WA/HT-6) (A) **My 98**
Computer Program as a Tool for Heat Exchanger Rating and Design (76-WA/HT-4) (A) **My 97**
Computer Simulation of Atmospheric Effects of Waste Heat Rejected From Conceptual Large Power Parks (76-WA/HT-20) (A) **My 100**
Constant Heating Transient Natural Convection in Partially Insulated Vertical Enclosures (77-HT-35) (A) **O 103**
Contact Conductance of Mechanically Expanded Plate Finned Tube Heat Exchangers (77-HT-24) (A) **O 102**
Convection in Porous Medium Heated from Below: The Effect of Temperature Dependent Viscosity and Thermal Expansion Coefficient (77-HT-56) (A) **O 106**
Coolness Storage in a Sodium Sulfate Decahydrate Mixture (76-WA/HT-35) (A) **Je 111**
Corresponding States Correlations of the Liquid and Vapor Spinodal Lines (77-HT-20) (A) **O 102**
CRBRP Outlet Plenum Behavior During Steady-State and Transient Conditions (77-HT-32) (A) **O 103**
Critical Heat Flux in PWR Fuel Assemblies (77-HT-92) (A) **N 105**
DEPAF—A Computer Model for Design and Performance Analysis of Furnaces (77-HT-11) (A) **O 100**
Description of Thermal Storage Sub-System Designs for ERDA's 10 MW(e) Solar Central Receiver Pilot Plant (76-WA/HT-68) (A) **Je 115**
Design and Costs of High Temperature Thermal Storage Devices Using Salts or Alloys (76-WA/HT-34) (A) **Je 111**
Design of an Optimal Total Energy System for a Large Military Installation (76-WA/HT-46) (A) **Je 112**
Design Optimization of a Single Fluid, Solid Sensible Heat Storage Unit (76-WA/HT-64) (A) **Je 114**
Determination of the Point of Net Vapor Generation in Forced Convection Subcooled Boiling (76-WA/HT-86) (A) **Je 117**
Determination of Three-Dimensional Radiative Exchange Factors for the Space Shuttle by Monte Carlo (77-HT-49) (A) **O 105**
Diffusion of Heat in Concrete at Elevated Temperatures (76-WA/HT-79) (A) **Je 116**
Double-Exposure Collectors with Mirrors for Solar-Heating Systems (76-WA/HT-16) (A) **My 99**
Dynamics of a Vaporizing Droplet in Laminar Entry Region of a Straight Channel (77-HT-40) (A) **O 104**
Economical Removal of Sodium Water Reaction Products (SWRP) from an LMFBR Intermediate Heat Transport System (IHTS) (76-WA/HT-71) (A) **Je 115**
The Effect of Artificial Surface Projections on Film-Boiling Heat Transfer (77-HT-81) (A) **N 104**
The Effect of Bedding Materials on Boiling Heat Transfer (77-HT-26) (A) **O 103**
On the Effect of the Circuit Boards' Thermal Conductivity in the Thermal Performance of a Circuit Package Employing a Dip Device (76-WA/HT-39) (A) **Je 111**
Effect of an Elevated Pipeline on Ground Temperature (76-WA/HT-56) (A) **Je 113**
The Effects of Free-Stream Turbulence Intensity and Velocity Distribution on Heat Transfer to Curved Surfaces (77-GT-48) (A) **Ag 98**
Effect of Moisture Migration on the Temperature of a Direct-Buried Cylindrical Heat Source (76-WA/HT-50) (A) **Je 113**
The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) (A) **Je 114**
Effects of Modeling Variations on RELAP4 Predictions of Standard Problem Five (76-WA/HT-52) (A) **Je 113**
Effects of Nonuniform Passages on Deepfold Heat Exchanger Performance (76-WA/HT-32) (A) **Je 111**
Effect of Rod Bowing on CHF in PWR Fuel Assemblies (77-HT-91) (A) **N 105**
Effects of Slagging in MHD Generator Ducts (77-HT-59) (A) **O 106**
Effects of Wall Electrical Conductance and Induced Magnetic Field on MHD Channel Heat Transfer with Developing Thermal and Velocity Fields (77-HT-63) (A) **O 107**
Electrohydrodynamically Coupled Film Boiling (76-WA/HT-48) (A) **Je 112**
Experimental Determination of Interior Subchannel Cross Flow and Axial Flow in a Model of the Clinch River Breeder Reactor Fuel Assembly Rod Bundle with Wire Wrap Spacers (76-WA/HT-83) (A) **Je 116**
Experimental Evaluation of a Cylindrical Parabolic Solar Collector (76-WA/HT-13) (A) **My 99**
Experimental Evaluation of a Stationary Spherical Reflector Tracking Absorber Solar Energy Collector (76-WA/HT-10) (A) **My 98**
Experimental Evaluation of Water Surface Heat Exchange (77-HT-41) (A) **O 104**
Experimental Study on Bubble Motion in Mercury With and Without Magnetic Field (76-WA/HT-65) (A) **Je 114**
An Experimental Study of Heat Transfer from the Wake Region of a Spray Cooled Isothermal Cylinder (77-HT-33) (A) **O 103**
Experimental Study on Bubble Nucleation in the Oscillating Pressure Field (77-HT-22) (A) **O 102**
Exploring Stability Criteria of Solar Ponds (76-WA/HT-62) (A) **Je 114**
External Convection Heat Transfer Coefficients on a Building Model (76-WA/FE-30) (A) **F 137**
Evaluation of Combined Thermal Storage Pond/Dry Cooling Tower Waste Heat Disposal System (77-HT-57) (A) **O 106**
Evaluation and Design Considerations for Liquid-Liquid Direct Contact Heat Exchangers for Geothermal Applications (77-HT-2) (A) **O 100**
The Evolution of a Cryogenic Enclosure for a Superconducting Power Transmission Cable (77-HT-75) (A) **N 103**
Fixed Flat Plate Collector with a Reversible Vee-Trough Concentrator (76-WA/HT-12) (A) **My 99**
Flow and Heat Transfer in Convectively Cooled Underground Electric Cable Systems; Temperature Distributions and Heat Transfer Correlations (76-WA/HT-42) (A) **Je 112**; Velocity Distributions and Pressure Drop Correlations (76-WA/HT-45) (A) **Je 112**
Fluid Flow and Convective Heat Transfer in Square Capillary Ducts Subjected to Nonuniform High Heat Flux (76-WA/HT-29) (A) **My 101**
Forced Convective Heat Transfer in Porous Media with Small Biot Number (77-HT-96) (A) **N 105**
Free Convection of Supercritical Helium-1 in Vertical Insulated Ducts Carrying Axial Heat Flow (77-HT-8) (A) **O 101**
The Frost Formation on Parallel Plates at Very Low Temperature in a Humid Stream (76-WA/HT-60) (A) **Je 114**
Fuel Rod Bowing Resulting from Internal Pellet Motion (77-HT-29) (A) **O 103**
Functional Performance of a Two-Tube Helically-Coiled Once-Through Steam Generator (76-WA/HT-69) (A) **Je 115**
A General Formulation and Analytical Solutions for Multi-Dimensional Radiative Transfer in Nongray Gases (77-HT-51) (A) **O 106**
The Ground Temperature Boundary Condition Provided by a Moss Covered Surface (76-WA/HT-61) (A) **Je 114**
He II-He I Two-Phase Convection in Cryo-Fluid He Above the Critical Pressure (76-WA/HT-58) (A) **Je 113**
Heat Exchanger and Thermal Storage Problems in Power Stations Serving District Heating Networks (77-HT-36) (A) **O 104**
Heat Transfer Across Centrifugally Stabilized Liquid-Liquid Interfaces: Application to Extracorporeal Heat Exchanger Design (76-WA/Bio-9) (A) **Jl 102**
Heat Transfer in Complex Duct Flows (77-HT-95) (A) **N 105**
Heat Transfer Considerations of a Nonconvecting Solar Pond Heat Exchanger (76-WA/Sol-4) (A) **F 131**
Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) (A) **My 100**
Heat Transfer from a Finned Tube Bundle in the Presence of a Corona Discharge (76-WA/HT-40) (A) **Je 112**
Heat Transfer in Formation as a Geothermal Reservoir Engineering Tool (77-HT-88) (A) **N 105**
Heat Transfer Through a Freezing or Melting Surface (76-WA/HT-55) (A) **Je 113**
Heat Transfer Within Nuclear Cask Studied (BTR) **N 59**
Heat Transfer Between an Impinging Jet and a Rotating Disk (76-WA/HT-2) (A) **My 97**
Heat Transfer from a Horizontal Plate Facing Upwards to Superposed Liquid-Layers with Change of Phase (76-WA/HT-1) (A) **My 97**
Heat Transfer, Pressure Drop, and Performance Evaluation of A Qintuplex Internally Finned Tube (77-HT-46) (A) **O 105**
Heat Transfer Problems Associated With an MHD Power Generation System—An Overview (77-HT-62) (A) **N 102**
Heat Transfer in Soils with Freezing and Melting of Moisture (76-WA/HT-22) (A) **My 100**
Heat Transfer in Solar Energy Storage (77-HT-38) (A) **O 104**
Subcooled Film-Boiling Heat Transfer from Spheres (77-HT-78) (A) 3N 18
Heat Transfer Tests of an Electrically Heated 7-Rod Mock-Up of an LMFBR Radial Blanket Assembly (76-WA/HT-80) (A) **Je 116**
Heat Transfer in Tube Bundles of Heat Exchangers with Flow Baffles Induced Forced Mixing (76-WA/HT-73) (A) **Je 115**
Homogeneous Nucleation of Bubbles at Negative Superheats (77-HT-58) (A) **O 106**
Homogeneous Nucleation in Multi-Component Liquid Mixtures (77-HT-21) (A) **O 102**
Hydrodynamic Instability Induced Liquid-Solid Contracts in Film Boiling (76-WA/HT-25) (A) **My 100**
Interferometric Investigation of Turbulently Fluctuating Temperature in an LMFBR Outlet Plenum Geometry (76-WA/HT-82) (A) **Je 117**
An Investigation of the Laminar Overfire Region Along

Upright Surfaces (77-HT-68) (A) **O 107**
Investigation of Turbulent Momentum Transfer of Fully Developed Rotating Annular Axial Flow of Air (76-WA/HT-85) (A) **Je 117**
Laboratory Studies of Nonisothermal Fluid Production from Fractured Geothermal Reservoirs (77-HT-53) (A) **O 106**
Laminar Film Condensation-Combined Effect of Magnetic Field and Variable Gravity (77-HT-25) (A) **O 102**
Laminar Heat Transfer in Ducts with Viscous Dissipation and Convective Radiative Exchange at the Walls (76-WA/HT-59) (A) **Je 114**
Longitudinal Conduction in a Three-Fluid Heat Exchanger (76-WA/HT-9) (A) **My 98**
Low Reynolds Number Flow in Plate Wakes (76-WA/HT-30) (A) **Je 110**
Low-Velocity Heat Transfer to a Flat Plate in the Presence of a Corona Discharge in Air (76-WA/HT-47) (A) **Je 112**
Measurement of Buoyant Jet Entrainment from Single and 4 Multiple Sources (77-HT-43) (A) **O 104**
On the Mechanism of Liquid Drop Deposition in Two-Phase Flow (76-WA/HT-18) (A) **My 100**
A MHD Simulation Test Facility for Investigating the Thermal Properties of a Slag/Seed Coated Radiant Boiler and Superheater for a 2000-MWt MHD Power Plant (77-HT-64) (A) **N 101**
Mixed Convection Heat Transfer from a jvertical Plate: Prandtl Number Effects (76-WA/HT-17) (A) **My 100**
A Model for Flame Propagation in Coal Dust-Air Mixtures 77HT (77-HT-18) (A) **O 102**
Modeling the Effect of Inventory Loss on Steam Generator Heat Transfer (76-WA/HT-70) (A) **Je 115**
Natural Convection Heat Transfer Models for Downhole Heat Exchanger Applications in Shallow Geothermal Systems (77-HT-55) (A) **O 106**
The Numerical Calculation of Buoyancy Driven Boundary Layers (76-WA/HT-53) (A) **Je 113**
Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) (A) **O 101**
Numerical Solution of Solid Propellant Transient Combustion (77-HT-17) (A) **O 102**
A Numerical Solution to the Unsteady Quasi-Three-Dimensional, Turbulent Heat Transfer Problem in an MHD Channel (77-HT-90) (A) **N 105**
Operational Limitations of Direct Contact Boilers for Geothermal Applications (77-HT-5) (A) **O 101**
Optical Temperature Measurements in Porous Media (77-HT-89) (A) **N 104**
Optical and Thermal Performance Analysis of Three Line Focus Collectors (76-WA/HT-15) (A) **My 100**
Outlet Plenum Flow Statification Studies for the Clinch River Breeder Reactor Plant (76-WA/HT-84) (A) **Je 117**
A Parametric Study of a Heat Exchanger Designed for Geothermal Power Plant Application (77-HT-1) (A) **O 100**
Particulate Deposition in Direct Fired MHD Air Preheaters (77-HT-65) (A) **O 107**
Performance of Flat-Plate Collectors with Planar Reflectors (76-WA/HT-27) (A) **My 100**
Performance Ranking of Plate-Fin Heat Exchanger Surfaces (76-WA/HT-31) (A) **Je 110**
Permeability Reduction Factors at Wairakei (77-HT-52) (A) **O 105**
A Perturbation Approach to Heat Conduction with Temperature Dependent Generation and Thermal Conductivity (77-HT-28) (A) **O 103**
A Post-Dryout Heat Transfer Model Based on Actual Vapor Generation Rate in Dispersed Droplet Regime (77-HT-80) (A) **N 103**
The Potential for Penetration of a Hot Vapor Jet into a Subcooled Liquid (76-WA/HT-78) (A) **Je 116**
Prediction of the CRBRP Outlet Plenum Transient Response Following a Reactor Trip (77-HT-30) (A) **O 103**
The Prediction of Pump Differential Pressure for Two Phase/Two Component Compressible Flow (76-WA/HT-75) (A) **Je 116**
Prediction of Radiation Absorption and Scattering in Turbid Water Bodies (77-HT-47) (A) **O 104**
Prediction of Reflood Heat Transfer with Standard Loop Programs (76-WA/HT-54) (A) **Je 113**
A Pressurized Liquid Concept for Solar-Thermal Energy Storage for the 24-Hour Continuous Operation of an Energy Conversion System (76-WA/HT-38) (A) **Je 111**
Propagation of Thermal Waves in Supercritical Helium (77-HT-76) (A) **N 103**
The Proper Use of Thermal Storages for a Solar Assisted Heat Pump Heating System (76-WA/HT-76) (A) **Je 116**
Radiation Augmented Fires Within Enclosures (77-HT-98) (A) **N 105**
Radiation Heat Transfer in Molecular-Gas Filled Enclosures (77-HT-16) (A) **O 101**
Radiation from a Methanol Furnace (77-HT-14) (A) **O 101**
Radiative and Convective Transfer for Real Gas Flow Through a Tube with Specified Wall Heat Flux (77-HT-13) (A) **O 101**
Rating Shell-and-Tube Condensers by Stepwise Calculations (76-WA/HT-5) (A) **My 97**
Reduction of Heat Transfer to High Velocity Gun Barrels by Wear-Reducing Additives (77-HT-19) (A) **O 102**
Rod Bundle Film Boiling Heat Transfer Experiments (77-HT-94) (A) **N 105**
Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) (A) **Je 115**
A Scaling Study of a Corridor Subject to a Room Fire (77-HT-72) (A) **N 102**
A Self-Contained Solar Powered Tracking Device (76-WA/HT-26) (A) **Je 110**
Shape-Factor Correlations for Transient Heat Conduction from Irregular-Shaped Rock Fragments to Surrounding Fluid (77-HT-54) (A) **O 106**
Simulation of the Heat Transfer Characteristics of LOX (77-HT-9) (A) **N 101**
Simulation of Spray Canal Cooling for Power Plants—Performance and Environmental Effects (76-WA/HT-28) (A) **My 101**
The Simulation of Thermal Behavior of Permafrost Soil (76-WA/HT-57) (A) **Je 113**
Sodium Heated Steam Generator Tube Wastage Due to Water/Steam to Sodium Leads—Theory and Correlation (76-WA/HT-77) (A) **Je 116**
Solar Thermal Electric Power Systems: Manufacturing Cost Estimation and System Optimization (76-WA/HT-14) (A) **My 99**
Solar Heating Thermal Storage Feasibility (76-WA/HT-36) (A) **My 101**
Some Characteristics of Fires Within Uniform Fuel Matrices (77-HT-71) (A) **N 102**
Some Experimental Investigation of Heating Effects Caused by Non-Uniform Electric Fields (76-WA/HT-44) (A) **Je 112**
Specifics of Heat Exchanger Design for a 2000-MWt Dual Cycle, MHD Topping-Steam Bottoming Power Plant (77-HT-61) (A) **O 107**
Stability of a Submerged Frozen Crust (76-WA/HT-81) (A) **Je 116**
Structural and Thermal-Hydraulic Design of a Sodium Heated Duplex Bayonet Tube Steam Generator (76-WA/HT-74) (A) **Je 116**
A Study of the Density Interface in a Stratified LMFBR Outlet Plenum (77-HT-23) (A) **O 103**
A Study of the Economic Feasibility of a Thermal Energy Storage System for Solar Heating Applications Using a PCM (76-WA/HT-63) (A) **Je 114**
Study of Heat Transfer and Melting Front from a Cylinder mbedded in a Phase Change Material (77-HT-42) (A) **O 104**
Superheated Liquids: Thermophysical Properties, Homogeneous Nucleation and Explosive Boiling-Up (77-HT-87) (A) **N 105**
A Survey of Rewetting Following a Postulated LOCA (77-HT-93) (A) **N 105**
Testing of Direct Contact Heat Exchangers for Geothermal Brines (77-HT-4) (A) **O 101**
The Therapeutic Effects of Postburn Cooling (77-HT-27) (A) **O 103**
Thermal Analysis Techniques for Regenerative Heat Exchanger Simulation (76-WA/HT-7) (A) **My 98**
Thermal Entrance Region Heat Transfer in Plane Couette Flow of a Non-Newtonian Fluid (76-WA/HT-41) (A) **Je 111**
Thermal-Hydraulic Analysis of Low-Activity Fusion Blanket Designs (77-HT-85) (A) **N 104**
Thermal Hydraulic and Power Cycle Analysis of Liquid Lithium Blanket Designs (77-HT-84) (A) **N 104**
Thermal Performance Deterioration in Crossflow Heat Exchanger Due to Longitudinal Heat Conduction in the Wall (76-WA/HT-8) (A) **My 98**
Thermal Performance of Paraffin Phase Change Materials Dispersed in a Concrete Mortar Filler Matrix (76-WA/HT-33) (A) **Je 110**
Thermal Storage—It Saves and Saves and Saves (76-WA/HT-37) (A) **Je 111**
A Three-Dimensional Numerical Model for Closed Basins (76-WA/HT-21) (A) **My 100**
Transient Behavior of Normal Zones in One-Dimensional Composite Superconductors (77-HT-74) (A) **N 103**
Transient Behavior of a Solid Sensible Heat Thermal Storage Exchanger (77-HT-37) (A) **O 104**
Transient Heat Conduction in a Finite Medium with Phase Change (76-WA/HT-3) (A) **My 97**
Transient Heat and Mass Transfer to a Drop in an Electric Field (76-WA/HT-43) (A) **Je 111**
Transient Thermal Analysis of Epoxy-Impregnated Superconducting Windings in Linearly Ramped Fields (77-HT-77) (A) **N 103**
Transition and Film Boiling Heat Transfer from Vertical Surfaces (77-HT-82) (A) **N 104**
Turbulence Measurements of Spray Flames (77-HT-15) (A) **O 101**
A Two-Dimensional Heat Transfer Model of a Flat Plate Collector (76-WA/Sol-2) (A) **F 131**
Two-Dimensional Multiple Scattering: Comparison of Theory with Experiment (77-HT-48) (A) **O 105**
A Two-Phase-Flow Cooling Concept for Fusion Reactor Blankets (77-HT-86) (A) **N 105**
Two-Phase Slip Flow Quality Determination by Non-Isokinetic Tracer Sampling (76-WA/HT-72) (A) **Je 115**
Validation of Turbulence Models for LMFBR Outlet Plenum Flows (77-HT-34) (A) **O 103**
Velocity and Temperature Profiles in Near-Critical Nitrogen Flowing Past Horizontal Flat Plate (77-HT-7) (A) **O 101**
Wake Turbulent Flames (77-HT-97) (A) **N 105**

Heat Transfer Coefficients
Heat Transfer Coefficients Around Cylinders in Crossflow in Combustor Exhaust Gases (77-GT-9) (A) **JI 93**

Heat-Treated Fibrous Composites
Thermal Stresses in Heat-Treated Fibrous Composites (76-WA/APM-13) (A) **JI 103**

Heat Treatment
Fluidized-Bed Heat Treatment (IF) **Mr 68**

Heating
Constant Heating Transient Natural Convection in Partially Insulated Vertical Enclosures (77-HT-35) (A) **O 103**
The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) (A) **S 94**

Heating Networks
Heat Exchanger and Thermal Storage Problems in Power Stations Serving District Heating Networks (77-HT-36) (A) **O 104**

Heating Systems
Design Criteria for Reducing Pollutant Emissions and Fuel Consumption by Residential Oil-Fueled Combustors (76-WA/Fu-10) (A) **Je 103**
Improvement of Seasonal Efficiency of Residential Heating Systems (76-WA/Fu-7) (A) **Je 103**
Oil Conservation in Home Heating (76-WA/Fu-8) (A) **Je 103**
Solar Heating in the United States (76-WA/Sol-8) (A) **F 131**

Heavy-Duty Vehicles
Keep on Truckin' (ES) **Ja 19**

Heavy Steel Plates
Recently Developed Low Carbon Equivalent Heavy Steel Plate with 80 kg/mm² Grade High Tensile Strength (76-Pet-61) (A) **Ja 105**

Heavy Vehicles
Straight-Air Disk Brake Systems for Heavy Vehicles (77-DE-23) (A) **S 91**

Heavy Wall Drill Pipes
Heavy Wall Drill Pipe—A Key Member of the Drill Stem (76-Pet-90) (A) **Ja 108**

Heavy Wall Reactors
Mechanical and Thermal Stress Analysis at Internal Attachment Welds in Clad Heavy Wall Reactors (76-WA/PVP-15) (A) **Mr 101**

Heavy Wheel Loads
Estimating Effect of Heavy Wheel Loads on Rail Life Roller Bearing Analogy (77-RT-9) (A) **Ag 107**

Hebert, J. President's Page Reactions (C) **My 49**

Heckmann, S. R. A Theoretical Study of the Effects of Cooling on Thermoelastic Contact Instabilities (76-Lub-14) (A) **F 141**

Hedrick, J. K. Influence of Axle Load, Track Gauge, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) (A) **Mr 94**

Heilmann, W. Small Regenerative Gas Turbine Design

and Development at MTU (77-GT-103) (A) **Ag 105**

Hein, K. Characteristics of Rheinisch Brown Coals with Respect to Their Combustion and Fouling Behavior in Thermal Power Stations (76-WA/CD-3) (A) **My 91**

Heincker, W. R. Design of a Hydraulic Longwall Coal Mining Machine (76-WA/DE-2) (A) **Mr 104**

Heine, W. W. "Ocean" Picture Making Waves (C) **D 52**

Heinecke, H. J. Gas Turbine Power Plants of Large Unit Capacity in Standard Construction (77-GT-21) (A) **JI 94**

Heinfel, D. S. Finite Element Analysis of Reclaimer Gantry Cone (76-WA/MH-2) (A) **My 90**

Helium

Description, Output and Development Prospects of a 750°C Helium Direct Cycle Nuclear Power Plant with a Single Turbomachine and Intermediate Cooling (77-GT-2) (A) **JI 92**

Free Convection of Supercritical Helium-1 in Vertical Insulated Ducts Carrying Axial Heat Flow (77-HT-8) (A) **O 101**

Free Convection at Supercritical Pressures in Cryo-Fluid Helium-1 (76-WA/PID-14) (A) **Je 108**

He II-He I Two-Phase Convection in Cryo-Fluid He Above the Critical Pressure (76-WA/HT-58) (A) **Je 113**

Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) (A) **O 101**

Helium Refrigeration

The Economics and Requirements of the Helium Refrigerator System for Superconducting Power Transmission Application (76-WA/PID-3) (A) **Je 106**

Helium Refrigerators

New Helium Refrigerator (NB) **Ag 67**

Optimization of Helium Refrigerators for Superconducting Power Transmission Lines in Terms of Cost and Reliability (76-WA/PID-16) (A) **Je 108**

Helium Screw Compressors

The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors (76-WA/PID-15) (A) **Je 107**

Helmich, M. J. Maintenance and Operation of Nuclear Diesel Generator Systems (77-DGP-14) (A) **D 100**

Hemeon, W. C. R. Elections to Fellow Grade **S 86**

Hemodialysis

New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**

Henderer, W. E. On the Mechanics of Tapping by Cutting (76-WA/Prod-25) (A) **JI 99**

Hendricks, R. C. Simulation of the Heat Transfer Characteristics of LOX (77-HT-9) (A) **N 101**

Henry, R. E. Hydrodynamic Instability Induced Liquid-Solid Contacts in Film Boiling (76-WA/HT-25) (A) **My 100**

Henzerling, P. A. Phasing in Respect (C) **Mr 51**

Herbert, J. T. The Advancement of Flexible Pipe Couplings and Bearings (76-Pet-68) (A) **Ja 106**

Hercules Syncrogear

New-Generation Gear Line (BTR) **Ag 55**

Herd, D. P. How to Make a Valve Which Will Fail-Safe in Very Deep Water (76-Pet-35) (A) **Ja 102**

Hermite Polynomials

Vibrational Analysis of Mechanics Using Constant Length Finite Elements (76-WA/DE-21) (A) **Ap 99**

Heronemus, W. E. New Career Paths in Engineering: Ocean Energy **JI 46**

Herringbone Grooved Journal Bearings

Conditions of Leakage-Free Operation of Herringbone Grooved Journal Bearings (76-Lub-27) (A) **F 142**

Herrmann, G. Flutter of Articulated Pipes at Finite Amplitude (77-APM-9) (A) **S 95**; Propagation of a Shock Wave Front Across a Curved Fluid-Solid Interface (76-WA/APM-9) (A) **Je 110**

Herwig, L. O. New Career Paths in Engineering: Applications of Solar Energy **O 56**

Hesuestad, G. Air Entrainment into Water Sprays and Spray Curtains (76-WA/FE-40) (A) **F 138**

Heterogeneous Catalysis

Heterogeneous Catalysis of Lean Ethylene/Air Mixtures by Platinum Coated Wire Screens (76-WA/GT-2) (A) **Mr 96**

Heterogeneous Vehicle Fleet

A Computer Simulation Model for Determining Fleet Size and Composition (76-WA/Mgt-1) (A) **Je 104**

Hewing, G. The Dynamic Behavior of Nuclear Helium Turbine Plants During By-Pass and Pressure Level Control Operations (77-GT-3) (A) **JI 92**

Hewitt, H. C. An Experimental and Analytical Investigation of a Solar Water Heater (76-WA/Sol-22) (A) **Mr 103**; Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) (A) **My 100**; Optimal Mass Flow Rates Through Flat Plate Solar Collector Panels (76-WA/Sol-19) (A) **F 132**

Hicks, J. C. Scale Modeling of Larre Elastic Undersea Cable Structures (76-WA/OcE-8) (A) **My 95**

Higgins, L. R. *(editor)* Maintenance Engineering Handbook (CB) **S 103**

High Cycle Fatigue

Special Considerations for Strain Hardening Materials in High Cycle Fatigue (77-PVP-33) (A) **D 103**

High-Lift Pumps

Seawater Oil Transport Pumps (IF) **My 60**

High-Performance Batteries

Closing the Battery Gap (ES) **Mr 23**

High-Performance Gas Turbines

High-Performance Ceramic-Based Vehicular Gas Turbines **Mr 35**

High-Power Locomotives

Progress in Rail Transportation **My 44**

High-Pressure Charging

Exhaust-Gas Turbochargers and Systems for High-Pressure Charging (77-DGP-12) (A) **D 99**

High-Pressure Vessels

Advanced Technology for Large Thick-Wall High-Pressure Vessels **My 40**

High-Rise Building Structures

High-Rise Building Structures (CB) **Je 118**

High-Strength Steels

The Weight Savers: High-Strength Steels **Mr 46**

High-Sulfur Coal

Corrosion and Deposits From Combustion of Solid Waste Part V: Firing of Refuse With High-Sulfur Coal (76-WA/CD-1) (A) **My 91**

Highway Delineator

Making Driving Safer (BTR) **Je 57**

Hijikata, K. The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) (A) **Je 114**; Experimental Study on Bubble Motion in Mercury With and Without Magnetic Field (76-WA/HT-65) (A) **Je 114**; Experimental Study on Bubble Nucleation in the Oscillating Pressure Field (77-HT-22) (A) **O 102**

Hill, P. G. Underground Compressed Air Storage Power-Parametric Analysis of Cycles and Cost for Various Concepts (76-JPGC-GT-5) (A) **Ja 111**

Hill, W. G., Jr. Increased Turbulent Jet Mixing Rates Obtained by Self-Excited Acoustic Oscillations (77-FE-18) (A) **S 101**

Hill, W. S. Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) (A) **F 133**

Hinged Supports

A Comprehensive Free Vibration Analysis of Rectangular Plates with Two Opposite Edges Simply Supported (76-WA/DE-13) (A) **Mr 105**

Hinkle, S. Prediction and Measurement of Two-Stroke Cycle Diesel Engine Performance and Smoke at Altitude (77-DGP-3) (A) **D 100**

Hines, A. H. Elections to Fellow Grade **Je 100**

Hipsher, M. S. Heat Transfer Considerations of a Non-convecting Solar Pond Heat Exchanger (76-WA/Sol-4) (A) **F 131**

Hirsch, M. Digital Simulation of Fixed and Variable Geometry Free Gas Turbine Engines Based on Quasi-Steady Approach (76-WA/GT-1) (A) **Mr 96**

Hirschfeld, F. Electrochemical Energy Conversion: Part 1—Electric Vehicle 30; Part 2: Utilities, Marine and Space Applications **JI 28**; The Future with Fusion Power **Ap 22**; Re-Animating the Spirit of Geneva!—"Atoms for Peace": 1955 Vs. 1977 **Mr 24**; Teaching Old Magnets New Tricks **Ja 20**; Whatever Happened to the Wankel Engine? **My 28**; What's Holding Up Coal Gasification? **Ag 32**; Which Whitney? (C) **O 54**; Wind Power: Pipe Dream or Reality? **S 20**; The Year Ahead With President Kezios **JI 18**; Mining Manganese Nodules from the Ocean Floor **Ag 20**

Hissong, D. W. The Use of Low-Energy Gas in the Petroleum Refining Industry (76-Pet-23) (A) **Ja 101**

Historic American Engineering RKECORD

The Lower Peninsula of Michigan: An Inventory of Historic Engineering and Industrial Sites (CB) **Ag 111**

Historic Power Systems

Historic Power Systems Recognized **Ag 81**

Hitomi, K. Group Scheduling Technique for ultiproduct, Multistage Manufacturing Systems (76-WA/Prod-27) (A) **JI 99**; An Optimization Analysis of Machining Center (76-WA/Prod-34) (A) **JI 100**

Ho, C. Natural Resting Aspects of Parts for Automatic Handling (76-WA/Prod-40) (A) **JI 101**

Hoagland, L. C. The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors (76-WA/PID-15) (A) **Je 107**

Hobson, M. J. Underground Compressed Air Storage Power-Parametric Analysis of Cycles and Cost for Various Concepts (76-JPGC-GT-5) (A) **Ja 111**

Hodge, P. G., Jr. *(recipient)* Honorary Membership **D CR-12**

Hofer, J. K. Propagation of Thermal Waves in Supercritical Helium (77-HT-76) (A) **N 103**

Hoffman, K. C. Systems Framework for Materials Policy (76-WA/TS-2) (A) **My 88**

Hoffman, M. A. A Two-Phase-Flow Cooling Concept for Fusion Reactor Blankets (77-HT-86) (A) **N 105**

Hofmeister, R. J. Insuring Mechanical Integrity of Plastic Enclosures (77-DE-13) (A) **S 89**

Hofner, E. R. Proper Lubrication—The Key to Better Bearing Life: Part I: Selecting the Correct Lubricant **O 32**; Part 2: Some Typical Lubricating Problems and Their Solutions **N 46**; Part 3: Extreme Operating Conditions **D 35**

Hogsett, D. F. Coal Gasification—Better Late Than Never (76-Pet-20) (A) **Ja 101**

Hoists

Work-Rated Hoist Selection (77-RC-8) (A) **Ag 108**

Hole Flanging

Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) (A) **JI 98**

Hollands, K. G. T. Radiant Transmittance of V-Corrugated Transparent Sheets with Application to Solar Collectors (76-WA/Sol-1) (A) **F 130**

Holley, L. W. *(recipient)* Sylvia W. Farny Scholarship **N 91**

Hollingsworth, L. W. The Fluid Pivot Journal Bearing (76-Lub-26) (A) **F 142**

Hollis, P. E. *(recipient)* Marjorie Roy Rothermel Memorial Scholarship **Ja 92**

Holmes, H. T. Elections to Fellow Grade **JI 90**

Holmes, R. E. Heat Transfer from a Finned Tube Bundle in the Presence of a Corona Discharge (76-WA/HT-40) (A) **Je 112**

Holograms

Heat Transfer Within Nuclear Cask Studied (BTR) **N 59**

Holonomic Systems

Bond Graphs for Nonholonomic Dynamic Systems (76-WA/Aut-3) (A) **My 92**

Hollow Fiber Membranes

Hollow Fiber Membranes for Advanced Life Support Systems (77-ENAs-43) (A) **N 99**

Holtz, M. A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) (A) **Ja 112**

Hommel, M. J. Mixed Convection Heat Transfer from a Vertical Plate: Prandtl Number Effects (76-WA/HT-17) (A) **My 100**

Homogeneous Nucleation

Homogeneous Nucleation of Bubbles at Negative Superheats (77-HT-58) (A) **O 106**

Homogeneous Nucleation in Multi-Component Liquid Mixtures (77-HT-21) (A) **O 102**

Superheated Liquids: Thermophysical Properties, Homogeneous Nucleation and Explosive Boiling-Up (77-HT-87) (A) **N 105**

Homogeneous Servers

Analysis of a Two-Link Fixed-Conveyor System with Multiple Poisson Inputs and Outputs (76-WA/MH-1) (A) **My 90**

Honeycomb Collectors

Performance Measurements of a Cylindrical Glass Honeycomb Solar Collector Compared with Predictions (76-WA/Sol-3) (A) **F 131**

Hopkins, B. L. Busting Salary Busting (C) **JI 51**

Hoppe, R. G. A Cycle Counting Procedure for Fatigue Failure Predictions for Complicated Multi-Axial Stress Histories (77-PVP-29) (A) **N 108**

Horgan, C. O. Saint-Venant's Principle and the Torsion of Thin Shells of Revolution (76-WA/APM-15) (A) **JI 103**

Horiuchi, S. Design and Development of a High-Pressure Combustor for Aero-Gas-Turbines (77-GT-96) (A) **Ag 105**

Horizontal Cylinders

Analysis of Mixed Convection Across a Horizontal Cylinder with Uniform Surface Heat Flux (77-HT-45) (A) **O 105**

Horizontal Plates
Heat Transfer from a Horizontal Plate Facing Upwards to Superposed Liquid-Layers with Change of Phase (76-WA/HT-1) (A) **My 97**
Horne, R. N. Convection in Porous Medium Heated from Below: The Effect of Temperature Dependent Viscosity and Thermal Expansion Coefficient (77-HT-56) (A) **O 106**
Hoshi, T. Cut-Forming: A New Method of Producing Wire (76-WA/Prod-23) (A) **Jl 97**
Hosny, W. Computation of the Temperature Distribution in Cole Radial Inflow Turbine Guide Vanes (77-GT-83) (A) **Ag 103**
Hospital Safety
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**
Hot, C. F. The Simulation of Thermal Behavior of Permafrost Soil (76-WA/HT-57) (A) **Je 113**
Hot-Air Systems
Which Solar System? (ES) **Je 25**
Hot Film Anemometers
Turbulence Measurements in Dilute Polymer Wake Flows (77-FE-31) (A) **O 111**
Hot Gas Expanders
Note on the Development Progress of Single and Two-Shaft Hot Gas Expander Compression Systems (76-Pet-17) (A) **Ja 100**
Hot Isostatic Pressing
Nuclear Waste Storage (IF) **Jl 63**
Hot Machining
Plasma-Assisted Hot Machining (BTR) **O 63**
Hot-Spot Detectors
Transformer Hot-Spot Detector (BTR) **Ag 47**
Houck, R. L. Training for Technological Standardization in a Geographically Dispersed Organizational Environment (76-Pet-9) (A) **Ja 99**
Houlihan, T. M. Turbulence Measurements in Dilute Polymer Wake Flows (77-FE-31) (A) **O 111**
Hovemeyer, W. E. Critical Heat Flux in PWR Fuel Assemblies (77-HT-92) (A) **N 105**
Hovercraft
An Application of TF25 Gas Turbine Engine to Hovercraft Operation in Japan (77-GT-90) (A) **Ag 104**
Howard, P. A. A Study of the Density Interface in a Stratified LMFBR Outlet Plenum (77-HT-23) (A) **O 103**
Howard, R. A. CRBRP Outlet Plenum Behavior During Steady-State and Transient Conditions (77-HT-32) (A) **O 103**
Howarth, W. L. CRBRP Outlet Plenum Behavior During Steady-State and Transient Conditions (77-HT-32) (A) **O 103**
Howell, F. T. Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) (A) **Ja 102**
Howell, J. R. An Approximate Solution for the Energy Equation with Radiant Participating Media (77-HT-70) (A) **N 102**
Howlett, L. D. Large-Scale Evaporative Cooling—The Window Theory (76-JPGC-Pwr-1) (A) **Ja 109**
Hoy, J. M. A New Role for Structures Technology in Aircraft Configuration Development (76-WA/Aero-8) (A) **My 96**
Hoyt, J. W. Effect of Nozzle Shape and Polymer Additives on Water Jet Appearance (77-FE-16) (A) **S 101**
Hsia, E. S. Effects of Wall Electrical Conductance and Induced Magnetic Field on MHD CKHANNEL Heat Transfer with Developing Thermal and Velocity Fields (77-HT-63) (A) **O 107**
Hsiao, C. C. Prerupture Behavior of Biosystems Under Stress (77-Bio-3) (A) **S 98**
Hsiao, M. H. Mechanical Design Optimization for Transient Dynamic Response (76-WA/DE-27) (A) **Mr 105**
Hsu, C. S. Elections to Fellow Grade **S 86**
Hsu, T. C. On the Drawability of Sheet Metal in Noncircular Cups (76-WA/Prod-2) (A) **Jl 96**
Hsu, Y. C. Forced Oscillation of a Down-hole Hydraulic Fracture (77-Pet-9) (A) **D 106**
Huang, J. A Method for Optimal Tolerance Selection (76-WA/DE-23) (A) **Ap 99**
Huang, W. C. Safety and Health Considerations in Handling, Processing, and Storage Facilities of Refuse Derived Fuel (77-RC-11) (A) **Ag 108**
Huckstep, F. L. Analysis of Thermal Performance of "Solaris" Water-Trickle Solar Collector (76-WA/Sol-21) (A) **F 132**
Hudachek, R. J. Progress and Payout of a Machinery Surveillance and Diagnostic Program (76-Pet-69) (A) **Ja 106**
Hudson, S. M. The Shaft Coupled Lift/Cruise Fan Propulsion System for Navy Multimission V/STOL Aircraft (77-GT-112) (A) **Ag 106**
Huggins, C. E. The Concentration Polarization of Solutes Within Biological Cells (76-WAA/Bio-4) (A) **Jl 101**
Hughes, E. D. Comparisons of RELAP4 Predictions with Steady-State Two-Phase Critical Flow Data (76-WA/HT-51) (A) **Je 112**
Hull, R. Influence of Nonlinear Wheel/Rail Contact Geometry on Stability of Rail Vehicles (76-WA/RT-2) (A) **Mr 94**
Hull, W. C. Fast Burst Reactor Burst Rod Adaptor Failure Analysis (76-WA/ at-7) (A) **Mr 99**
Human Brain
The Engineer's Role in Analysis of the Brain—(76-WA/Mgt-5) (A) **Je 104**
Human Capacities
Toward the Understanding of Technology in Society—Part 3: The Sources of Basic Needs—Can We Fulfill Them? **My 32**
Human Eyes
The Elasticity of Sclera, Cornea, and Choroid, and its Implications on Scleral Rigidity and Accommodations (77-Bio-5) (A) **S 99**
Human Health Hazards
Plutonium's Not "Uniquely Hazardous" (ES) **F 30**
Human Lung
Air Mixing in a Model Lung Alveolus (77-Bio-4) (A) **S 98**
Human Outer Space Adaptation
A Prelude to Living in Space (NR) **Je 73**
Human Resource Development
Training and Development Handbook: A Guide to Human Resource Development (CB) **N 112**
Human Systemic Circulation
Estimation of Systemic Arterial Impedance in Man from Cardiac Catheterization Data (76-WA/Bio-6) (A) **Jl 102**
Human Values
Technology and Human Values: Collision and Solution (CB) **N 112**
Hume, J. P. The ABC's Required for Establishing a Practical Computerized Plant Engineering Management Data Base System (76-WA/PEM-1) (A) **My 93**
Humid Streams
The Frost Formation on Parallel Plates at Very Low Temperature in a Humid Stream (76-WA/HT-60) (A) **Je 114**
Humidity Control System
The Development and Testing of a Regenerable CO2 and Humidity Control System for Shuttle (77-ENAs-27) (A) **N 98**
Humidity Removal
CO and Humidity Removal System for Extended Shuttle Missions: CO, H_2O, and Trace Contaminant Equilibrium Testing (77-ENAs-4) (A) **O 108**
Hundal, M. S. Computer-Based Rational Design of Strain-Gage Load Cells (77-DE-40) (A) **S 92**; Design of Inpact Absorber with Quadratic Damping (76-WA/DE-12) (A) **Mr 104**
Hung, W. S. Y. The NOx Emission Levels of Unconventional Fuels for Gas Turbines (77-GT-16) (A) **Jl 94**; Potential Low NOx Emission Combustor for Gas Turbines Using the Concept of Hybrid Combustion (77-GT-15) (A) **Ag 96**
Hunsbedt, A. Laboratory Studies of Nonisothermal Fluid Production from Fractured Geothermal Reservoirs (77-HT-53) (A) **O 106**
Hunt, K. H. *(recipient)* Melville Medal **D CR-13**
Hunter, T. O. Assessment of Surface-Heating Problems in Laser-Fusion Reactors (77-HT-83) (A) **N 104**
Hunting Stability
Effects of Truck Design on Hunting Stability of Railway Vehicles (76-WA/RT-1) (A) **Mr 94**
Hurricanes
Hurricane Watch from Space (BTR) **S 52**
Hurtt, J. H. An Evaluation of the Material Capabilities of Low Carbon 2¼ Cr-1Mo Steel Forgings (76-Pet-40) (A) **Ja 102**
Hutter, E. EBR-II Ten Years Later **Ja 33**
Hwang, J.-B. C. High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) (A) **F 137**
Hwang, J. Y. Interim Evaluation of Exposure Conditions for the Water-Side Corrosion Test of a Sodium Heated Steam Generator Evaporator Model Employing a Duplex Tube (76-JPGC-NE-5) (A) **Ja 112**; Sodium-Heated Evaporator Critical Heat Flux Experiments at Subcritical Pressure Conditions for Commercial LMFBR Plant Application (76-JPGC-NE-10) (A) **Ja 112**
Hybrid Catalytic Combustor
Development of a Hybrid Catalytic Combustor (77-GT-84) (A) **Ag 103**
Hybrid Combustion
A Potential Low NOx Emission Combustor for Gas Turbines Using the Concept of Hybrid Combustion (77-GT-15) (A) **Ag 96**
Hybrid Power Plants
The Hybrid Power Plant (BTR) **Mr 62**
Hyde, C. K. *(director)* The Lower Peninsula of Michigan: An Inventory of Historic Engineering and Industrial Sites (CB) **Ag 111**
Hyde, T. H. Prediction of Creep Rupture of Pressure Vessels (77-PVP-54) (A) **D 105**
Hydraulic Design Parameters
"IRIS," A Computerized High Head Pump Turbine Design System (76-WA/FE-12) (A) **F 135**
Hydrostatic Extrusion
Deformation of Polymers During Hydrostatic Extrusion (77-PVP-39) (A) **D 103**
Hydraulic Fracture
Forced Oscillaion of a Down-hole Hydraulic Fracture (77-Pet-9) (A) **D 106**
Hydraulic Fracturing Thin Coal Seams in Preparation for In-Situ Gasification (76-Pet-98) (A) **F 139**
Hydraulic Longwall Coal Mining Machine
Design of a Hydraulic Longwall Coal Mining Machine (76-WA/DE-2) (A) **Mr 104**
Hydraulic Manipulators
New Hydraulic Manipulator (IF) **Ja 68**
Hydraulic Oils
Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) (A) **F 142**
Hydraulic Systems
Straight-Air Disk Brake Systems for Heavy Vehicles (77-DE-23) (A) **S 91**
Hydraulic Turbines
Hydraulic Power Recovery Turbines (76-Pet-65) (A) **Ja 106**
Hydraulic Valves
Flow-Induced Vibrations of a Hydraulic Valve and Their Elimination (77-FE-24) (A) **S 101**
Hydrazine Auxiliary Propulsion System
Thermal Design of the IUE Hydrazine Auxiliary Propulsion System (77-ENAs-45) (A) **N 99**
Hydro Power Stations
New Penstocks for Hydro Stations (IF) **Mr 68**
Hydrodynamic Forces
Hydrodynamic Forces in a Marine Riser: A Velocity-Potential Method (76-Pet-81) (A) **Ja 107**
Hydrodynamic Instability
Hydrodynamic Instability Induced Liquid-Slid Contacts in Film Boiling (76-WA/HT-25) (A) **My 100**
Hydrodynamic Lubrication
First Effects of Stokes Roughness on Hydrodynamic Lubrication (76-Lub-12) (A) **F 140**
Workpiece Surface Roughening in a Hydrodynamically Lubricated Metal Forming Process (76-Lub-15) (A) **F 141**
Hydrodynamics
The Hydrodynamics Laboratory at the California Institute of Technology—1976 (77-FE-12) (A) **S 100**
Hydrofoils
Effects of Additive Ejection on Lifting Hydrofoils (77-FE-27) (A) **O 111**
Leading-Edge Correction for the Supercavitating Flat-Plate Hydrofoil (77-FE-21) (A) **O 110**
Hydroforming
Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) (A) **Jl 98**
Hydrogen Bombs
Scenario for Catastrophe? (BTR) **My 51**
Hydrogen Conversion and Storage System (HYCSOS)
One System Heats, Cools, and Generates Power (BTR) **Jl 52**
Hydrogen-Fueled Engines
Closed-Cycle Hydrogen-Fueled Engine (BTR) **N 56**
Hydrogen Storage
Low-Cost "Sponge" for Storing Hydrogen (BTR) **Ag 54**
Hydrogen Technology
Hydrogen Technology for Energy (CB) **Ap 108**
Hydroretorting
Hydroretorting of Oil Shale and Nuclear Process Heat

(76-WA/Ener-3) (A) **Ap 105**

Hydrostatic Hot Extrusion
New Hot Extrusion Press (IF) **N 69**

Hydrostatic Pressure
Analysis of Concrete Cylindrical Hulls Under Hydrostatic Pressure (77-PVP-42) (A) **D 104**
Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) (A) **S 97**

Hydrothermal Environments
Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) (A) **Mr 99**

Hydrothermal Power
Bigger Turbines for Hydrothermal Power (ES) **Ap 20**

Hyperfiltration
Dynamic Membrane Hyperfiltration Wash Water Recovery (77-ENAs-21) (A) **N 97**
Energy in Industry: Hyper-filtration (EN) **Ap 73**

I

Iachetta, F. A. Analysis of Thermal Performance of "Solaris" Water-Trickle Solar Collector (76-WA/Sol-21) (A) **F 132**

Ibele, W. E. Deviations From the Linear Transport Laws and Corrections to the Onsager Reciprocal Relations (76-WA/APM-2) (A) **Je 109**

Ice
Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) (A) **Je 115**

Ice-Maker Heat Pump
The Ice House Cometh (NB) **Ap 71**

Ice-Maker Pumps
Application of the Ice-Maker Pump to an Annual Cycle Energy System (76-WA/Ener-4) (A) **Ap 105**

Icebergs
Icebergs and Canadian East Coast Exploration (76-Pet-103) (A) **F 139**

Ignition Systems
The Energy Release to Static Gas from a 12-Joule High Energy Ignition System (77-GT-18) (A) **Jl 93**

Imai, M. Fuel Performance Evaluation after the First Cycle of Operation at Indian Point Unit No. 2 (76-WA/NE-17) (A) **Ap 95**

Imaichi, K. Instability of Elastically Suspended Tainter-Gate System Caused by Surface Waves on the Reservoir of Dam (77-FE-25) (A) **O 110**

Impact
Dynamic Simulation of Freight Car and Lading During Impact (77-RT-3) (A) **Ag 106**

Impact Absorbers
Design of Impact Absorber with Quadratic Damping (76-WA/DE-12) (A) **Mr 104**

Impact Energy Calculations
Impact Energy Calculations for a Steam Check Valve Following a Postulated Pipe Rupture (76-WA/FE-8) (A) **F 134**

Impact Process
High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) (A) **F 137**

Impact Situations
The Sliding Sill Underframe in Impact Situations (76-WA/RT-13) (A) **Mr 96**

Impinging Jets
Heat Transfer Between an Impinging Jet and a Rotating Disk (76-WA/HT-2) (A) **My 97**

Impulse Rotors
Experimental Investigations of Supersonic Cascades Designed for High Static Pressure Ratios (77-GT-37) (A) **Ag 97**

Impulsive Loading
Multiple Fracture of Beams Under Localized Impulsive Loading (77-APM-23) (A) **S 97**

Impurity Study Experiment
"Cleaning Up" Fusion Process (ES) **Je 25**

Incinerator Systems
Dumper-Incinerator-Boiler System (BTR) **Ag 54**

Incipient Cutting Process
High-Speed Films of the Incipient Cutting Process in Machining at Conventional Speeds (76-WA/Prod-26) (A) **Jl 99**

Incipient Failure Detection Systems
Development and Experience with Computerized Acoustic Incipient Failure Detection (IFD) Systems (77-Pet-2) (A) **N 108**

Incipient Plastic Deformation
On the Wedge Identation and its Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) (A) **Jl 98**

Incompressible Channel Flow
An Experimental Investigation of Incompressible Channel Flow Near Transition (77-FE-19) (A) **O 110**

Incompressible Flow
Prediction of Oscillation Frequencies for Unstable Flow Past Cavities (76-WA/FE-17) (A) **F 135**
Viscid-Inviscid Interaction of Incompressible Separated Flows (76-WA/APM-7) (A) **Je 110**

Incompressible Fluids
Optimum Step Design for Centering of Pistons Moving in an Incompressible Fluid (77-FE-30) (A) **O 111**

Incropera, F. P. Prediction of Radiation Absorption and Scattering in Turbid Water Bodies (77-HT-47) (A) **O 104**

Indentation Hardness
Analysis of Fatigue Fracture of Ball Joint Sockets by Indentation Hardness and Transmission Electron Microscopy (76-WA/Mat-3) (A) **Mr 99**

Independent Air Revitalization Subsystem
Development of a Three-Man Preprototype Independent Air Revitalization Subsystem (IARS) (77-ENAs-31) (A) **N 97**

Induced Fracturing
Analytical and Experimental Investigations on Induced Fracturing of Reservoir Rock (76-Pet-8) (A) **Ja 99**

Industrial Air Pollution
Industrial Air Pollution Control Equipment for Particulates (CB) **Ag 113**

Industrial Boilers
Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) (A) **Je 103**

Industrial Development
Research and American Industrial Development: A Bicentennial Look at the Contributions of Applied R&D (CB) **F 144**

Industrial Effluents
Design of a Low-Cost Space Heating System Using Warm Geothermal or Industrial Effluents (77-DE-26) (A) **S 91**

Industrial Gas Turbine Combustors
Recent Tests of Industrial Gas Turbine Combustors Fueled with Simulated Low Heating Value Coal Gas (76-WA/GT-3) (A) **Mr 96**

Industrial Gas Turbines
Investment Economics of Industrial Gas Turbines (77-GT-26) (A) **Jl 94**
Progress on Ceramic Rotor Blade Development for Industrial Gas Turbines (77-GT-42) (A) **Ag 98**

Industrial Hygiene
Best's Safety Directory—1977: Safety, Industrial Hygiene, Security (CB) **F 144**

Industrial Noise
Industrial Noise and Hearing Loss (NB) **Je 76**

Industrial Noise Control
Industrial Noise Control Handbook (CB) **Jl 107**

Industrial Plants
Assessment of the Ambient Air Impact of Multiple Stack Industrial Plants Using Dispersion Modeling (76-Pet-70) (A) **Ja 106**
The Design of Nondestructive Testing Equipment for Industrial Plants of Today and Tommorrow (77-DE-8) (A) **S 89**

Industrial Power
ASME Conference to Study Industrial Power Needs **Ag 85**

Industrial Processes
The Environment Meets New Industrial Processes (ES) **O 26**

Industrial Revolution
The Medieval Machine—The Industrial Revolution of the Middle Ages (CB) **My 103**

Industrial Robots
Computer Robot Controls (CT) **Mr 82**

Industrial Rotor Engines
Whatever Happened to the Wankel Engine? **My 28**

Industrial Service
A New 10,000-hp Gas Turbine Engine for Industrial Service (77-GT-4) (A) **Jl 92**

Industrial Sites
The Lower Peninsula of Michigan: An Inventory of Historic Engineering and Industrial Sites (CB) **Ag 111**

Industry Task Force
Industry Task Force Aims to Bridge Gap Between Technology and Society (NR) **D 69**

Industrial Truck Safety
Industrial Truck Safety and Reliability Considerations (77-RC-7) (A) **Ag 108**

Industrial Turbines
FT4E-The Optimization of a Proven Modular Industrial Gas Turbine (77-GT-23) (A) **Jl 94**

Industrial Waste
Energy from Refuse (IF) **S 56**

Industry
For Industry—Academic Interaction (C) **S 46**

Industry/Education Documentaries
On the Shoulders of Giants . . . A Giant Among Films **F 48**

Inelastic Analysis
Assessment of a Nonlinear Structural Analysis Finite Element Program (NONSAP) For Inelastic Analysis (77-PVP-10) (A) **N 106**

Inert Gas Systems
Inert Gas Systems for Secondary Recovery (76-Pet-86) (A) **Ja 108**

Inertial Waves
The Frequency of Inertial Waves in a Rotating, Sectored Cylinder (76-WA/APM-22) (A) **Jl 103**

In-Field Computers
Use of In-Field Computer for Balancing High Power Turbo-Machinery (77-DET-11) (A) **D 102**

Inflow Turbines
Computation of the Temperature Distribution in Cooled Radial Inflow Turbine Guide Vanes (77-GT-83) (A) **Ag 103**
Cooling Considerations for Design of a Radial Inflow Turbine (77-GT-82) (A) **Ag 103**

Information Policies
Assessing Telecommunications (NB) **S 65**

Infrared Radiation
Accurate Spectral Modeling for Infrared Radiation (77-HT-69) (A) **N 102**

Infrared Thermography
Applications of Thermography (BTR) **Mr 61**

Inger, G. R. Transonic Normal Shock-Turbulent Boundary Layer Interaction in Pressure Gradient Flows (77-GT-34) (A) **Jl 95**

Ingersoll-Rand
Whatever Happened to the Wankel Engine? **My 28**

Ingley, H. A. A Self-Contained Solar Powered Tracking Device (76-WA/HT-26) (A) **Je 110**

Initialisms
Acronyms, Initialisms, and Abbreviations Dictionary (CB) **Ap 106**

Injection
Adiabatic Wall Temperature and Heat Transfer Downstream of Injection Through Two Rows of Holes (77-GT-50) (A) **Ag 99**

Inner Suburban Trains
Progress in Rail Transportation **My 44**

Inner Surface Defects
Influence of Inner Surface Defects on the Fatigue Strength of Pipe Subjected to Cyclic Internal Pressure (77-PVP-41) (A) **D 104**

Inoue, N. Deformation of Polymers During Hydrostatic Extrusion (77-PVP-39) (A) **D 103**

Input Data Checker
On-Line Graphics Pays Off as Input Data Checker (CT) **Ag 74**

Input Links
Synthesis of R-S-S-R Mechanism for Coordinating Input-Output Displacements for Finitely and Infinitesimally Separated Positions (76-WA/DE-5) (A) **Mr 104**

Inputs
Analysis of a Two-Link Fixed-Conveyor System with Multiple Poisson Inputs and Outputs (76-WA/MH-1) (A) **My 90**

In Situ Calibration Technique
Development of an In Situ Calibration Technique for Combustible Gas Detectors (77-ENAs-22) (A) **N 97**

In-Situ Gasification
Hydraulic Fracturing Thin Coal Seams in Preparation for In-Situ Gasification (76-Pet-98) (A) **F 139**

Inspiration
An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OcE-1) (A) **My 94**

Instability
Some Characteristics of High Waves in Closed Channels Approaching Kelvin-Helmholtz Instability (77-FE-15) (A) **O 110**

Instantaneous Temperature
Prediction of Instantaneous Temperature Using Sepectros-

copic Method (76-WA/TM-3) (A) **Je 104**

Instructional Resources Information System
Water Quality Information System (EN) **Jl 70**

Insulated Ducts
Free Convection of Supercritical Helium-1 in Vertical Insulated Ducts Carrying Axial Heat Flow (77-HT-8) (A) **O 101**

Insulated Well Casings
Insulated Well Casings for the Arctic (76-Pet-87) (A) **Ja 108**

Insulation
Constant Heating Transient Natural Convection in Partially Insulated Vertical Enclosures (77-HT-35) (A) **O 103**
How Much Insulation? (ES) **Jl 23**

Insulation Systems
Rain Erosion Considerations for Launch Vehicle Insulation Systems (77-ENAs-15) (A) **O 109**

Insulation Techniques
New Motor Insulation Technique (IF) **Je 64**

Integrated Structural Design
Toward Integrated Structural Design with Advanced Composites (76-WA/Aero-11) (A) **My 97**

Interactive Computer Analysis
LINCAGES: **L**inkages **IN**teractive **C**omputer **A**nalysis and **G**raphically **E**nhanced **S**ynthesis Package (77-DET-5) (A) **D 101**

Interactive Graphics
Design Considerations of Figures: Finite Element Interactive Graphics User Routines (77-DE-34) (A) **S 92**
Detailing a New Diesel Engine Design Using a Three-Dimensional Interactive Graphic System (76-WA/DGP-2) (A) **Ap 100**

Interactive Terminal Networks
Development of a Real Time Computer Oriented Locomotive Maintenance Program (76-WA/RT-10) (A) **Mr 94**

Intercollegiate Engineering Competition
Winning Projects in the Energy Resource Alternatives Competition (EN) **S 66**

Interface Friction
Disk and Strip Forging for the Determination of Friction and Flow Strength Values (76-WA/Prod-7) (A) **Jl 97**

Interferometric Investigations
Interferometric Investigation of Turbulently Fluctuating Temperature in an LMFBR Outlet Plenum Geometry (76-WA/HT-82) (A) **Je 117**

Interior Sound Fields
Acoustic Characteristics of a Car Cavity and Estimation of Interior Sound Field Produced by Vibrating Panel (76-WA/DE-1) (A) **Mr 104**

Intermediate Cooling
Description, Output and Development Prospects of a 750°C Helium Direct Cycle Nuclear Power Plant with a Single Turbomachine and Intermediate Cooling (77-GT-2) (A) **Jl 92**

Intermediate Heat Transport System
Economical Removal of Sodium Water Reaction Products (SWRP) from an LMFBR Intermediate Heat Transport System (IHTS) (76-WA/HT-71) (A) **Je 115**

Intern Program
Mass Media Intern Program (EN) **Ja 75**
Washington Welcomes Student Interns (NR) **Jl 68**

Internal Attachment Welds
Mechanical and Thermal Stress Analysis at Internal Attachment Welds in Clad Heavy Wall Reactors (76-WA/PVP-15) (A) **Mr 101**

Internal Cracks
The Problem of Internal and Edge Cracks in an Orthotropic Strip (77-APM-19) (A) **S 96**

Internal Pellet Motion
Fuel Rod Bowing Resulting from Internal Pellet Motion (77-HT-29) (A) **O 103**

International Technology Transfer
Pilot Project in Technology Transfer to a Developing Nation (76-WA/Aero-6) (A) **My 96**

International Ultraviolet Explorer
Thermal Design of the IUE Hydrazine Auxiliary Propulsion System (77-ENAs-45) (A) **N 99**

Internship Programs
Internship in Environmental Research (EN) **Ap 73**

Interpretive Structural Modeling
Structural Modeling Graphics: An Aid to Understanding Complex Design Problems (77-DET-6) (A) **D 101**

Interstitial Fluids
On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) (A) **F 139**

Introductory Engineering Curriculum
Improving Introductory Engineering Curriculum (EN) **Ap 73**

Inventions
Inventors Welcome (ES) **N 21**

Inventory Loss
Modeling the Effect of Inventory Loss on Steam Generator Heat Transfer (76-WA/HT-70) (A) **Je 115**

Inverted Velocity Profile Jet
Static and Flyover Noise Measurements of an Inverted Profile Exhaust Jet (77-GT-81) (A) **Ag 103**

Investment Economics
Investment Economics of Industrial Gas Turbines (77-GT-26) (A) **Jl 94**

Investment Program
An Investment Primer (PS) **F 81**

Iodine Dispenser/Detector
Development of an Advanced Combined Iodine Dispenser/Detector (77-ENAs-30) (A) **N 97**

Ion Plating
Ion Plating Units (IF) **My 61**
New Applications of Sputtering and Ion Plating (77-DE-21) (A) **S 90**

Irani, A. A. Effects of Modeling Variations on RELAP4 Predictions of Standard Problem Five (76-WA/HT-52) (A) **Je 113**

Irregular Guideways
Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) (A) **My 92**

Irrigation
Solar-Powered Irrigation (BTR) **Je 52**

Irrigation Control
Crops by Computer (BTR) **Ap 58**

Irwin, G. R. *(recipient)* Nadai Award **D CR-13**

Ishii, A. Design and Development of a High-Pressure Combustor for Aero-Gas-Turbines (77-GT-96) (A) **Ag 105**

Ishii, N. Instability of Elastically Suspended Tainter-Gate System Caused by Surface Waves on the Reservoir of Dam (77-FE-25) (A) **O 110**

Isokinetic Sampling
Correction of S-Type Pitot-Static Tube Coefficients When Used for Isokinetic Sampling From Stationary Sources (76-WA/GT-6) (A) **Mr 97**
Two-Phase Slip Flow Quality Determination by Non-Isokinetic Tracer Sampling (76-WA/HT-72) (A) **Je 115**

Isothermal Cylinders
An Experimental Study of Heat Transfer from the Wake Region of a Spray Cooled Isothermal Cylinder (77-HT-33) (A) **O 103**

Isothermal Elastohydrodynamic Lubrication
Isothermal Elastohydrodynamic Lubrication of Point Contacts Part III—Fully Flooded Results (76-Lub-30) (A) **F 143**; Part IV—Starvation Results (76-Lub-31) (A) **F 142**

Isothermal Tubes
Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) (A) **My 100**

Isotropic Materials
Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) (A) **S 95**

Isotropic Roughness
Lubrication of Surfaces Having Area-Distributed Isotropic Roughness (76-Lub-7) (A) **F 140**

Isotropic Shells
Stress-Intensity Factors for Very Short Cracks in Arbitrary Pressurized Shells (76-WA/APM-29) (A) **Jl 104**

Isotropic Solids
Point Force Solution for an Infinite Transversely Isotropic Solid (76-WA/APM-18) (A) **Jl 103**

Isotropics
Plastic Wave Speeds in Isotropic Work-Hardening Materials (77-APM-13) (A) **S 96**

Iterative Solutions
Comparison of Interative and Direct Solution Methods for Substructuring (77-PVP-36) (A) **D 103**

Itoh, M. Status Report of the Turbofan Engine Development Program in Japan (77-GT-102) (A) **Ag 105**

Ives, L. K. Erosion of 310 Stainless Steel at 975°C in Combustion Gas Atmospheres (76-WA/Mat-5) (A) **Mr 99**

Iwam, W. D. The Stability of a Spinning Elastic Disk With a Transverse Load System (76-WA/APM-1) (A) **Je 109**

Iwamuro, M. A. Turbocharged Diesel Engine Simulation to Predict Steady-State and Transient Performance (77-DGP-5) (A) **D 98**

Iwata, K. Optimization of Cutting Conditions for Multi-Pass Operations Considering Probabilistic Nature in Machining Processes (76-WA/Prod-4) (A) **Jl 96**

Iwata, M. The Frictional Mechanism on the Surface of Metal Being Plastically Deformed by Drawing (76-WA/Prod-22) (A) **Jl 98**

Iwatsubo, T. Reliability of a High Speed Rotating Machine Subjected to Earthquake Excitation (77-DET-12) (A) **D 102**

Iyengar, S. K. R. The Effect of Particulate Contaminants on the Static Characteristics of Fluid Power Relief Valves (77-DE-20) (A) **S 90**; Some Advances in Evaluating the Effects of Contaminant Lock in Fluid Power Spool Valves (77-DE-3) (A) **S 88**

J

Jaax, J. R. Food and Medical Sample Freezer Kit Concept for Shuttle (77-ENAs-23) (A) **N 97**

Jabbari, M. Y. Adiabatic Wall Temperature and Heat Transfer Downstream of Injection Through Two Rows of Holes (77-GT-50) (A) **Ag 99**

Jack-Up Drilling
Fatigue Analysis for Lattice Legs of Jack-Up Drilling Platforms (77-Pet-11) (A) **N 109**
Ultimate Bending Capacity of Lattice Legs for Jack-Up Drilling Platforms (76-Pet-26) (A) **Ja 101**

Jackson, D. F. Ultrafiltration of Black and Gray Wastewater (77-ENAs-57) (A) **N 101**

Jackson, R. E. More on Registration (C) **D 51**

Jacobs, H. R. Evaluation and Design Considerations for Liquid-Liquid Direct Contact Heat Exchangers for Geothermal Applications (77-HT-2) (A) **O 100**; Operational Limitations of Direct Contact Boilers for Geothermal Applications (77-HT-5) (A) **O 101**

Jacobs, P. E. Horses of Another Color (C) **S 46**

Jacquot, R. G. Optimal Cantilever Dynamic Vibration Absorbers (76-WA/DE-17) (A) **Mr 105**

Jagadish, B. S. Numerical Study of Transient and Steady Induced Symmetric Flows in Rectangular Cavities (77-FE-17) (A) **O 110**

Jagow, R. B. Investigation of Low-Temperature Carbon Monoxide Oxidation Catalysts (77-ENAs-28) (A) **N 98**

Jain, K. K. Chemical Flocculation of Complex Oily Wastewaters (77-ENAs-38) (A) **N 99**

Jaksch, J. J., Jr. C. E. Davies—A Man to Remember **Ja 82**

Jakubowsky, G. S. The Effect of Bedding Materials on Boiling Heat Transfer (77-HT-26) (A) **O 103**

Jameson, D. L. An Engineering Approach to Minicomputer Selection (76-Pet-24) (A) **Ja 100**

Jankowski, D. F. Laminar Throughflow of a Fluid Containing Particles Between Corotating Disks (76-WA/FE-38) (A) **F 138**; Laminar Throughflow of Quality Steam Between Corotating Disks (76-WA/FE-41) (A) **F 138**

Janssen, J. E. Improvement of Seasonal Efficiency of Residential Heating Systems (76-WA/Fu-7) (A) **Je 103**

Jaske, C. E. Low-Cycle Fatigue of AISI 1010 Steel at Temperatures up to 1200°F (649°C) (76-WA/PVP-3) (A) **Mr 100**

Jebens, H. J. A Closed Life-Support System for Space Colonies (77-ENAs-18) (A) **O 109**; Water and Wastewater Reclamation in a 21st Century Space Colony (77-ENAs-47) (A) **N 100**

Jeffords, C. Recently Developed Tools Aid in Stimulation of Production Wells (76-Pet-66) (A) **Ja 106**

Jelovich, J. J. A Fault Tolerant, Multiplexed Control Rod Position Detection and Indication System for Nuclear Power Plants (76-WA/NE-7) (A) **Ap 92**

Jensen, B. K. Feedback on Fusion (C) **Jl 50**

Jensen, F. C. Development of an Advanced Combined Iodine Dispenser/Detector (77-ENAs-30) (A) **N 97**

Jensen, J. E. The Evolution of a Cryogenic Enclosure for a Superconducting Power Transmission Cable (77-HT-75) (A) **N 103**

Jet Drilling
High-Pressure Jet-Drilling Experiments in Some Hard Rocks (76-Pet-50) (A) **Ja 104**

Jet Engines
Operational and Maintenance Experience of an Industrial Type 14-MW Gas Turbine (77-GT-78) (A) **Ag 102**

Jet Engine Bearings
Finding the "Pea Under the Football Field" (BTR) **Mr 64**
NDE Bearing Profiles (BTR) **F 65**
Jet Engine Test Facility
New Jet Engine Test Facility (IF) **Ap 63**
Jet Fleet
Noise Reduction Potential for the Existing Business Jet Fleet (77-GT-76) (A) **Ag 102**
Jet Freighter
The Red Baron — Again! (IF) **Ag 58**
Jet Mixing
Increased Turbulent Jet Mixing Rates Obtained by Self-Excite. Acoustic Oscillations (77-FE-18) (A) **S 101**
Jets
Heat Transfer Between an Impinging Jet and a Rotating Disk (76-WA/HT-2) (A) **My 97**
Jha, S. K. Acoustic Characteristics of a Car Cavity and Estimation of Interior Sound Field Produced by Vibrating Panel (76-WA/DE-1) (A) **Mr 104**
Jib Cranes
A Story of Waterworks, Steam Engines, and a Jib Crane **Je 90**
Jig Flotation
Perfecting Jigs and Froth (ES) **My 22**
Jimbo, S. The Automatic Welding System for Offshore Pipe Laying (76-Pet-32) (A) **Ja 102**
Job Hunting
Engineering Hires Up (EN) **Ag 68**
Job Hunting Made Easy (NR) **Ag 64**
Job Safety
'75 Health Record of U.S. Industry Up Dramatically (BTR) **Mr 59**
Job-Shop Work Control
Computer Support for Job-Shop Work Control (76-WA/Mgt-7) (A) **Je 105**
Joensen, A. W. Correction of S-Type Pitot-Static Tube Coefficients When Used for Isokinetic Sampling From Stationary Sources (76-WA/GT-6) (A) **Mr 97**
Joglekar, A. M. Investigation of Spiking in Electron Beam Welding Using Stationary Stochastic Models (76-WA/Prod-10) (A) **Jl 97**
Johannsen, K. Combined Forced and Free Laminar Convection in Vertical Rod Bundles with Longitudinal Flow (77-HT-44) (A) **O 105**
Johanson, J. G. 70-MW(t) LMFBR Steam Generator Test Facility (76-JPGC-NE-3) (A) **Ja 112**
Johari, O. Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) (A) **F 142**
John, J. E. A. The Effect of Bedding Materials on Boiling Heat Transfer (77-HT-26) (A) **O 103**
Johnsen, R. L. Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) (A) **Ag 105**
Johnson, B. V. Effect of Water-Cooling Turbine Blades on Advanced Gas Turbine Power Systems (77-GT-80) (A) **Ag 102**
Johnson, C. E. An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OcE-1) (A) **My 94**
Johnson, C. M. Seismic Analysis for Alaskan North Slope Construction (76-Pet-75) (A) **Ja 106**
Johnson, G. R. A Data Acquisition, Performance Evaluation and Monitoring System for Solar Heated/Cooled Residential Dwellings (76-WA/Sol-13) (A) **Mr 102**
Johnson, G. S., The Engineer's Role in Analysis of the Brain (76-WA/Mgt-5) (A) **Je 104**
Johnson, K. L. Improved Waste Water Vapor Compression Distillation Technology (77-ENAs-20) (A) **N 96**
Johnson, L. E. Functional Performance of a Two-Tube Helically-Coiled Once-Through Steam Generator (76-WA/HT-69) (A) **Je 115**
Johnson, L. H. Recent Experience with Water Induction in Large Steam Turbines (76-JPGC-Pwr-10) (A) **Ja 110**
Johnson, M. R. *(recipient)* Rail Transportation Award **Ja CR-7**
Johnson, R. D. A Closed Life-Support System for Space Colonies (77-ENAs-18) (A) **O 109**; Water and Wastewater Reclamation in a 21st Century Space Colony (77-ENAs-47) (A) **N 100**
Johnson, R. L. *(recipient)* Mayo D. Hersey Award **D CR-13**
Johnson, T. C. Feedback on Fusion (C) **Jl 50**
Johnson, W. Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) (A) **Jl 98**
Joining Methods
Standard Handbook of Fastening and Joining (TL) **My 102**
Joining Processes
Brazing—An Economical, High-Quality Joining Process (77-DE-43) (A) **S 93**
Joint Power Generation Conference
The Construction of a Large Steam Electric Unit in an Urban Area—An Environmental Case History (76-JPGC-Pwr-13) (A) **Ja 110**
Design and Operating Criteria of Fossil-Fueled Power Plants in Europe (76-JPGC-Pwr-14) (A) **Ja 110**
Economics of Feedwater Heater Replacement (76-JPGC-Pwr-7) (A) **Ja 109**
Factors Affecting the Design of Turbine-Condenser Connections (76-JPGC-Pwr-3) (A) **Ja 109**
Large-Scale Evaporative Cooling—The Window Theory (76-JPGC-Pwr-1) (A) **Ja 109**
Measurements of Torsional Dynamic Characteristics of The San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) (A) **Ja 109**
A Method for Estimating Steam Hammer Effects on Swing-Check Valves During Closure (76-JPGC-Pwr-6) (A) **Ja 109**
Recent Experience with Water Induction in Large Steam Turbines (76-JPGC-Pwr-10) (A) **Ja 110**
Recent Practices in Handling the Products of Combustion from Venezuelan Residual Fuel Oil (76-JPGC-Pwr-9) (A) **Ja 110**
Some Results on Dynamic Characteristics of Major Components of 1200-MW Fossil Fuel Steam Generating Plant (76-JPGC-Pwr-11) (A) **Ja 110**
Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) (A) **Ja 109**
Transfer of Chemicals in Steam Power Systems (76-JPGC-Pwr-12) (A) **Ja 110**
Turbine Damage by Solid Particle Erosion (76-JPGC-Pwr-15) (A) **Ja 110**
Using Digital Control for Utility Boiler Sootblower Systems (76-JPGC-Pwr-8) (A) **Ja 109**
Water Jet-Centrifugal Pump Combination for Large Steam Power Plant Condensate System (76-JPGC-Pwr-2) (A) **Ja 109**
Jolles, M. I. Stress Intensity Factors for Reactor Vessel Nozzle Cracks (77-PVP-30) (A) **D 102**
Jonas, O. Transfer of Chemicals in Steam Power Systems (76-JPGC-Pwr-12) (A) **Ja 110**
Jones, D. L. The Design and Development of Turbocharged 1 Liter per Cylinder 4 and 6 Cylinder Air Cooled Diesel Engines (77-DGP-9) (A) **D 99**
Jones, D. P. A Cycle Counting Procedure for Fatigue Failure Predictions for Complicated Multi-Axial Stress Histories (77-PVP-29) (A) **N 108**
Jones, N. Creep Buckling of a Complete Spherical Shell (76-WA/APM-8) (A) **Je 109**
Jones, O. C., Jr. Post-CHF Heat Transfer: A Non-Equilibrium, Relaxation Model (77-HT-79) (A) **N 104**
Jones, R. E. A High-Pressure, High-Temperature Combustor and Turbine-Cooling Test Facility (76-WA/GT-4) (A) **Mr 96**
Jones, R. R. The V.P.I. Gas Turbine and Turbomachinery Research Laboratory (77-GT-73) (A) **Ag 102**
Jordan, S. Three Dimensional Elastic Stress Analysis of a Marine Riser Connector Assembly (76-Pet-83) (A) **Ja 108**
Jones, T. B. Electrohydrodynamically Coupled Film Boiling (76-WA/HT-48) (A) **Je 112**
Journal Bearings
Conditions of Leakage-Free Operation of Herringbone Grooved Journal Bearings (76-Lub-27) (A) **F 142**
Dynamic Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) (A) **F 143**
The Fluid Pivot Journal Bearing (76-Lub-26) (A) **F 142**
Journal Bearing Impedance Descriptions of Rotordynamic Applications (76-Lub-24) (A) **F 142**
A Theoretical Analysis of a Compliant Shell Air Bearing (76-Lub-5) (A) **F 140**
Joy, P. Solar Heating Thermal Storage Feasibility (76-WA/HT-36) (A) **My 101**
Jude, P. Description, Output and Development Prospects of a 750 C Helium Direct Cycle Nuclear Power Plant with a Single Turbomachine and Intermediate Cooling (77-GT-2) (A) **Jl 92**
Jump Phenomena
Jump Phenomena in Cam-Follower Systems a Continuous-Mass-Model Approach (76-WA/DE-26) (A) **Mr 105**
Junction Stresses
Junction Stresses for a Conical Section Joining Cylinders of Different Diameter Subject to Internal Pressure (76-Pet-31) (A) **Ja 102**
Jung, J. C. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**
Jurewicz, J. T. A Numerical Model for Turbulent Diffusion in Gas-Particle Flows (76-WA/FE-33) (A) **F 137**

K

Kachhara, N. L. An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers with Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) (A) **F 134**
Kaczmarek, J. *(author)* Principles of Machining by Cutting, Abrasion and Erosion (CB) **Jl 106**
Kadi, F. J. Optimization of Helium Refrigerators for Superconducting Power Transmission Lines in Terms of Cost and Reliability (76-WA/PID-16) (A) **Je 108**
Kahawita, R. The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) (A) **S 94**
Kaiserman, M. J. Heat Transfer in Soils with Freezing and Melting of Moisture (76-WA/HT-22) (A) **My 100**
Kalman, R. E. *(recipient)* Rufus Oldenburger Medal **Ja CR-7**
Kalpakjian, S. Properties of Reinforced Abrasive Disks in Flexure (76-WA/Prod-41) (A) **Jl 101**
Kalsi, M. S. Moment Capability of Valves Using Semi-Analytical Finite Element Approach (76-Pet-38) (A) **Ja 102**
Kameswara Rao, N. S. A Mixed Method in Elasticity (76-WA/APM-30) (A) **Jl 104**
Kamo, R. Performance and Sociability of Comprex Supercharged Diesel Engine (77-DGP-4) (A) **D 98**
Kamody, J. F. Koppers-Totzek Gasification for Electric Power Generation (76-JPGC-Fu-1) (A) **Ja 111**
Kane, T. R. Effects of Drawbar Properties on the Behavior of Articulated Vehicles (76-WA/Aut-10) **(A) My 93**
Kannberg, L. D. An Analysis of Deep Submerger Multiple-Port Buoyant Discharges (76-WA/HT-19) (A) **My 100**
Kannel, J. W. Vapor Deposited Transducers for Measuring Pressure and Temperature in Machine Elements (77-DE-33) (A) **S 91**
Kantola, R. A. Land Gas Turbine Exhaust Noise (77-GT-12) (A) **Jl 92**
Kaplan, G. M. Description of Thermal Storage Sub-System Designs for ERDA's 10 MW(e) Solar Central Receiver Pilot Plant (76-WA/HT-68) (A) **Je 115**
Karawani, G. G. Analysis, Practical Applications and Design of Unsteady Flow Machines: Dividers and Equalizers (76-WA/FE-23) (A) **F 136**
Karayannacos, P. E. Fluid Dynamics of Multiple Noncritical Stenoses (76-WA/Bio-2) (A) **Jl 101**
Kardos, Z. L. Effective Boiler Feed Control for Test Loops (76-WA/NE-15) (A) **Ap 94**
Karim, G. A. A Learning Program for Engineering and Scientific Professionals in the Oil and Gas Industry Concerning Metrication and SI Units (76-Pet-10) (A) **Ja 99**
Karimi, A. Corresponding States Correlations of the Liquid and Vapor Spinodal Lines (77-HT-20) (A) **O 102**
Karnopp, D. Designing Low-Order, Near-Optimum Controllers with Just a Little Algebra (76-WA/Aut-5) (A) **My 92**
Kasbekar, P. V. Dynamic Simulation of Freight Car and Lading During Impact (77-RT-3) (A) **Ag 106**
Kashiwagi, T. A Scaling Study of a Corridor Subject to a Room Fire (77-HT-72) (A) **N 102**
Kasparjan, E. V. Boreholes' Stability and Its Prognosis in Ledge Rock Masses (76-Pet-58) (A) **Ja 105**
Kassem, A. E. Rating Shell-and-Tube Condensers by Stepwise Calculations (76-WA/HT-5) (A) **My 97**
Katan, T. Investigation of Low-Temperature Carbon Monoxide Oxidation Catalysts (77-ENAs-28) (A) **N 98**
Katz, Y. Design Considerations for Heat Recovery System for DD-963 Class Ship (77-GT-106) (A) **Ag 105**
Kau, C. J. Numerical Simulation of Particulate Motion in Turbulent Gas-Solid Channel Flow (76-WA/FE-37) (A) **F 138**
Kauffman, K. W. Design and Costs of High Temperature Thermal Storage Devices Using Salts or

Alloys (76-WA/HT-34) (A) **Je 111**

Kawahara, I. Reliability of a High Speed Rotating Machine Subjected to Earthquake Excitation (77-DET-12) (A) **D 102**

Kawai, N. Assessment of Deep-Drawability and Stretchability by Bulge Test of Concentrically Grooved Metal Disks (76-WA/Prod-14) (A) **JI 98**. The Fractional Mechanism on the Surface of Metal Being Plastically Deformed by Drawing (76-WA/Prod-22) (A) **JI 98**

Kawai, R. Reliability of a High Speed Rotating Machine Subjected to Earthquake Excitation (77-DET-12) (A) **D 102**

Kaylor, F. B. The Construction of a Large Steam Electric Unit in an Urban Area—An Environmental Case History (76-JPGC-Pwr-13) (A) **Ja 110**

Kayser, K. W. Some Results on Dynamic Characteristics of Major Components of 1200-MW Fossil Fuel Steam Generating Plant (76-JPGC-Pwr-11) (A) **Ja 110**

Kazimi, M. S. The Potential for Penetration of a Hot Vapor Jet into a Subcooled Liquid (76-WA/HT-78) (A) **Je 116**

Keatite

Aluminous-Keatite—An Improved Rotary Ceramic Regenerator Core Material (77-GT-60) (A) **Ag 100**

Keer, L. M. Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) (A) **S 97**. Fracture Analysis of Adhesively Bonded Sheets (76-WA/APM-12) (A) **JI 103**

Keinholz, D. A. Analysis of Torsional Vibration is a High Bandwidth Angular Position Servo (76-WA/Aut-9) (A) **My 93**

Kelgard, E. Electrons to Fellow Grade **S 87**

Keller, C. *(recipient)* R. Tom Sawyer Award **Ja CR-7**

Kelly, W. H. Thermal Design of the IUE Hydrazine Auxiliary Propulsion System (77-ENAs-45) (A) **N 99**

Kelnhofer, W. J. External Convection Heat Transfer Coefficients on a Building Model (76-WA/FE-30) (A) **F 137**

Keltie, R. F. Dimensional Analysis and Scaling of the Aerodynamic Noise Produced by Idling Circular Saw Blades (76-WA/DE-11) (A) **Mr 104**

Kelvin-Helmholtz Instability

Some Characteristics of High Waves in Closed Channels Approaching Kelvin-Helmholtz Instability (77-FE-15) (A) **O 110**

Kennedy, F. E., Jr. *(recipient)* Burt L. Newkirk Tribology Award **Ja CR-7**

Kennedy, L. A. The Numerical Calculation of Buoyancy Driven Boundary 113, Optical Temperature Measurements in Porous Media (77-HT-89) (A) **N 104**

Kent, G. R. Working with Multi-Component Mixtures (77-Pet-15) (A) **D 106**

Kent, R. A. A New Leak-Free Sealing System for a Downhole Safety Valve (76-Pet-99) (A) **Ja 107**

Kenyon, D. E. Transient Filtration in a Porous Elastic Cylinder (76-WA/APM-16) (A) **JI 103**

Kepone Decomposition

Kepone Tests Complete (EN) **Ag 70**

Kerekes, E. B. Elections to Fellow Grade **O 98**

Kerekes, Z. An Examination of the Influence of Ash on the Combustion Characteristics of Anthracites (76-WA/CD-2) (A) **My 91**

Kerpestein, J. B. Propulsion Gearing Transmission Systems for Guided Missile and Standard Frigates of the Royal Netherlands Navy (77-GT-67) (A) **Ag 101**

Kerr, A. J. Controlling Slack Action in a Unit Train (77-RT-12) (A) **Ag 107**

Kerr, C. N. Improvement of Coupling-up Performance in Automatic Marshalling Yards: A Simulation (77-RT-8) (A) **Ag 107**

Kester, J. D. Noise Technology for Future Aircraft Power Plants **Ja 40**

Kezios, S. Peter The Bottom Line 25: Technological Optimist (Ed) **JI 17**. Toward Credibility in Public Affairs (Ed) **S 17**. On Unity of the Profession (Ed) **D 17**. Why Do We Exist? (Ed) **Ag 17**. The Young Engineer—Our Lifeblood (Ed) **N 19**

Khan, M. R. Vibrational Analysis of Mechanics Using Constant Length Finite Elements (76-WA/DE-21) (A) **Ap 99**

Kihara, D. H. A Parametric Study of a Heat Exchanger Designed for Geothermal Power Plant Application (77-HT-1) (A) **O 100**

Kilger, H. S. Simplified Design With Graphite Reinforced Plastics (77-DE-14) (A) **S 89**

Kilmann, I. Investigations on Highly Turbocharged Air-Cooled Diesel Engines (77-DGP-11) (A) **D 99**

Kilowatt Consumption

Power System Economics: An Evaluation of Plant Auxiliary System Incremental Kilowatt Consumption (76-WA/Pwr-2) (A) **F 133**

Kim, Y. T. Flow-Induced Bending of Rectangular Plates (77-APM-14) (A) **S 95**

King, A. I. A Three-Dimensional Mathematical Simulation of Pedestrian-Vehicle Impact with Experimental Verification (76-WA/Bio-1) (A) **JI 101**

King, C. R. Development of Large Fiberglass Reinforced Plastic Dewars for Superconducting Magnets at 4 K (76-WA/PID-11) (A) **Je 107**

King, R. Vortex Excited Oscillations of Yawed Circular Cylinders (76-WA/FE-16) (A) **F 135**

Kinking Mechanisms

Cable Kinking Analysis and Prevention (76-WA/DE-4) (A) **Mr 104**

KINSYN III

KINSYN III: For Design of Planar Linkages (CT) **F 82**

Kippenhan, C. Collaborative Utilization of Computing Techniques to Achieve Energy-Effective Design of Buildings (76-WA/HT-23) (A) **My 100**

Kirchhoff, R. H. A Two-Dimensional Heat Transfer Model of a Flat Plate Collector (76-WA/Sol-2) (A) **F 131**

Kirk, C. L. Deterministic and Random Wave Forces on Gravity Type Offshore Platforms (76-WA/FE-24) (A) **F 136**. Wave Excited Oscillations of a Gravity Platform (76-Pet-33) (A) **Ja 102**

Kirk, P. A Portable Personal Cooling System for Mine Rescue Operations (77-ENAs-53) (A) **N 100**

Kirk, W. B. Elections to Fellow Grade **O 99**

Kissinger, L. D. CO and Humidity Removal System for Extended Shuttle Missions: CO, H_2O, and Trace Contaminant Equilibrium Testing (77-ENAs-4) (A) **O 108**

Kistler, A. L. Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) (A) **F 139**

Kistler, R. S. Computer Program as a Tool for Heat Exchanger Rating and Design (76-WA/HT-4) (A) **My 97**. Rating Shell-and-Tube Condensers by Stepwise Calculations (76-WA/HT-5) (A) **My 97**

Kleiner, G. N. Regenerative Life Support Evaluation (77-ENAs-35) (A) **N 98**

Kleiner, R. N. Fracture Strength and Thermal Shock Resistance of Thick- and Thin-Wall Magnesium-Aluminum-Silicate Ceramic Heat Regenerators (77-GT-98) (A) **Ag 105**

Kline, L. V. Elections to Fellow Grade **Je 100**

Kline, S. J. Toward the Understanding of Technology in Society—Part 1: The Basic Pattern **Mr 41**; Part 2—Diverging Paths—Technology and Values **Ap 32**; Part 3: The Sources of Basic Needs—Can We Fulfill Them **My 32**

Klinetob, C. B. Test Performance of a Cryogenic Distillation System for BWR Gaseous Radwaste Treatment (76-WA/PID-13) (A) **Je 108**

Klosek, J. Test Performance of a Cryogenic Distillation System for BWR Gaseous Radwaste Treatment (76-WA/PID-13) (A) **Je 108**

Knapp, R. H. Pseudo-Cylindrical Shells: A New Concept for Undersea Structures (76-WA/OcE-6) (A) **My 95**

Knee Flexion

Stress Analysis of the Geometric Knee Under Static Loading (77-Bio-6) (A) **S 99**

Knee-Joint Control

An Electrohydraulic Knee-Torque Controller for a Prosthesis Simulator (76-WA/Bio-10) (A) **JI 102**

Knee Joint Forces

Mechanical Analysis of Polycentric Tibial Track Loosening (77-Bio-7) (A) **S 99**

Kniazewycz, G. The Role of Volume Reduction Processes in LWR Radwaste Treatment (76-WA/NE-5) (A) **Ap 92**

Knickerbocker, J. L. Measurements of Torsional Dynamic Characteristics of The San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) (A) **Ja 109**

Knudsen Number

Low Knudsen Number Creeping Motion of Two Touching Spheres (76-WA/APM-28) (A) **JI 104**

Knoebel, D. H. The Effect of Artificial Surface Projections on Film-Boiling Heat Transfer (77-HT-81) (A) **N 104**

Knowles, G. R. Experimental Evaluation of a Cylindrical Parabolic Solar Collector (76-WA/HT-13) (A) **My 99**

Kobayashi, A. Experimental Study of LNG Underground Tank (76-WA/PID-5) (A) **Je 106**

Koenecke, W. J. A Strong Protest (C) **Ja 55**

Kohaut, F. C. Development of Antiwear Cylinder Oil for High Output Crosshead Diesels (77-DGP-10) (A) **D 98**

Kohler, M. Influences on the Fuel Economy of an Automotive Gas Turbine (77-GT-92) (A) **Ag 104**

Kohloss, F. H. Elections to Fellow Grade **O 99**

Koinis, P. *(recipient)* Sylvia W. Farny Scholarship **Ja 92**

Kollrack, R. Model Calculations of the Combustion Product Distributions in the Primary Zone of a Gas Turbine Combustor (76-WA/GT-7) (A) **Mr 97**. Radical Overshoot Phenomena in Liquid Fueled Gas Turbine Combustors (77-GT-5) (A) **JI 92**

Koltun, P. Public Policy Issues and the Application of Computer Technology (76-WA/TS-7) (A) **My 88**

Komotori, K. Heat Transfer from a Horizontal Plate Facing Upwards to Superposed Liquid-Layers with Change of Phase (76-WA/HT-1) (A) **My 97**

Kondic, N. N. Two-Phase Slip Flow Quality Determination by Non-Isokinetic Tracer Sampling (76-WA/HT-72) (A) **Je 115**

"Kone-Lite"

Making Driving Safer (BTR) **Je 57**

Konrad, G. Tool Wear in the Peripheral Milling of a Low Carbon Steel (76-WA/Prod-35) (A) **JI 100**

Kooker, D. E. Numerical Solution of Solid Propellant Transient Combustion (77-HT-17) (A) **O 102**

Kordyban, E. Some Characteristics of High Waves in Closed Channels Approaching Kelvin-Helmholtz Instability (77-FE-15) (A) **O 110**

Kosher, R. A. Disk and Strip Forging for the Determination of Friction and Flow Strength Values (76-WA/Prod-7) (A) **JI 97**

Kouwen, N. Flow-Induced Vibrations of a Hydraulic Valve and Their Elimination (77-FE-24) (A) **S 101**

Kovacik, J. M. Turbine Systems to Reduce Petroleum Refining and Petrochemical Plant Energy Costs (76-Pet-62) (A) **Ja 105**

Kralastic ABS Reflector

Making Driving Safer (BTR) **Je 57**

Kramer, E. Computation of Unbalance Vibrations of Turborotors (77-DET-13) (A) **D 102**

Kramer, J. H. A New Torsional Elastic Seal for Oscillatory Motion (76-Pet-64) (A) **Ja 105**

Kramer, T. J. Fluid Flow and Convective Heat Transfer in Square Capillary Ducts Subjected to Nonuniform High Heat Flux (76-WA/HT-29) (A) **My 101**; Thermal Control Design and Performance of Air Force Satellite STP P72-1 (77-ENAs-41) (A) **N 99**

Krapp, R. Considerations Concerning the Layout of Nuclear Helium Turbine Power Plants with Optimum Economy (77-GT-79) (A) **Ag 102**

Kraus, A. D. Analysis of Arrays of Extended Surface (77-HT-31) (A) **O 103**

Krause, H. H. Corrosion and Deposits From Combustion of Solid Waste—Part V: Firing of Refuse with High-Sulfur Coal (76-WA/CD-1) (A) **My 91**

Krauter, A. I. Application of Simulation Cost Modelling to Railroad Roller Bearing Usage (77-RT-7) (A) **Ag 107**

Krazinski, J. L. A Model for Flame Propagation in Coal Dust-Air Mixtures (77-HT-18) (A) **O 102**

Kreider J. F. Experimental Evaluation of a Stationary Spherical Reflector Tracking Absorber Solar Energy Collector (76-WA/HT-10) (A) **My 98**

Kreiger, K. W. A Three-Dimensional Mathematical Simulation of Pedestrian-Vehicle Impact with Experimental Verification (76-WA/Bio-1) (A) **JI 101**

Kreith, F. Experimental Evaluation of a Stationary Spherical Reflector Tracking Absorber Solar Energy Collector (76-WA/HT-10) (A) **My 98**

Kreitlow, D. B. Natural Convection Heat Transfer Models for Downhole Heat Exchanger Applications in Shallow Geothermal Systems (77-HT-55) (A) **O 106**

Krieg, D. B. Accuracies of Numerical Solution Methods for the Elastic-Perfectly Plastic Model (77-PVP-1) (A) **N 106**

Krieg, R. D. Accuracies of Numerical Solution Methods for the Elastic-Perfectly Plastic Model (77-PVP-1) (A) **N 106**

Krier, H. A Model for Flame Propagation in Coal Dust-Air Mixtures (77-HT-18) (A) **O 102**

Krieth, F. Elections to Fellow Grade **Ja 96**

Kroenke, W. C. Economical Generation of Three-Dimensional Finite Element Grids (77-PVP-26) (A) **N 107**

Krol, J. The Use of Capital-Labor Ratio in the Design of Large-Scale Systems (77-DE-38) (A) **S 92**

Kronauer, R. E. Response of Three Oscillators Coupled by a Weak Nonlinearity (77-APM-5) (A) **S 94**

Kronogard, S. O. Advances in Automotive Gas Turbines

O 38. Three-Shaft Automotive Turbine-Transmission Systems of the KTT Type-Performance and Features (77-GT-94) (A) **Ag 104**

Kruger, P. Laboratory Studies of Nonisothermal Fluid Production from Fractured Geothermal Reservoirs (77-HT-53) (A) **O 106**. Shape-Factor Correlations for Transient Heat Conduction from Irregular-Shaped Rock Fragments to Surrounding Fluid (77-HT-54) (A) **O 106**

Krulls, G. E. Gas Turbine Salt Ingestion Analysis (77-GT-20) (A) **JI 94**

Kruse, G. S. An Automated Procedure for Preliminary Structure for Transport Aircraft (76-WA/Aero-9) (A) **My 96**

Ku, F. S. Water Jet-Centrifugal Pump Combination for Large Steam Power Plant Condensate System (76-JPGC-Pwr-2) (A) **Ja 109**

Kubo, L. Y. Urea Transport Through Composite Polyallylamine Membranes (77-ENAs-5) (A) **O 108**

Kubokawa, C. C. You Can'T Eat Moon Rocks (76-WA/Aero-7) (A) **My 96**

Kucera, W. J. Thermal Patterns in 36-Inch Freight Car Wheels During Service Tests (76-WA/RT-11) (A) **Mr 95**

Kuerten, H. Design and Operating Criteria of Fossil-Fueled Power Plants in Europe (76-JPGC-Pwr-14) (A) **Ja 110**. Fossil-Fueled Power Plant Design European Style **D 41**

Kulacki, F. A. Electrostatic Cooling (77-DE-36) (A) **S 92**

Kumar, R. Who's an Engineer? (C) **S 47**

Kumar, S. Performance of Flat-Plate Collectors with Planar Reflectors (76-WA/HT-27) (A) **My 100**

Kung, H. C. Air Entrainment into Water Sprays and Spray Curtains (76-WA/FE-40) (A) **F 138**

Kunitake, T. Recently Developed Low Carbon Equivalent Heavy Steel Plate with 80 kg/mm Grade High Tensile Strength (76-Pet-61) (A) **Ja 105**

Kuntz, D. W. *(recipient)* Sylvia W Farny Scholarship **N 91**

Kunze, J. F. Forced Convective Heat Transfer in Porous Media with Small Biot Number (77-HT-96) (A) **N 105**. Heat Transfer in Formation as a Geothermal Reservoir Engineering Tool (77-HT-88) (A) **N 105**

Kuts, M. *(recipient)* Machine Design Award **D CR-12**

Kuo, M. C. T. Shape-Factor Correlations for Transient Heat Conduction from Irregular-Shaped Rock Fragments to Surrounding Fluid (77-HT-54) (A) **O 106**

Kurajian, G. M. Prediction of Yield in Ductile Materials Operating at Creep Temperatures (76-WA/GT-11) (A) **Mr 98**

Kuriyama, I. Experimental Study on Bubble Motion in Mercury With and Without Magnetic Field (76-WA/HT-65) (A) **Je 114**

Kurosaki, Y. Assessment of Deep-Drawability and Stretchability by Bulge Test of Concentrically Grooved Metal Disks (76-WA/Prod-14) (A) **JI 98**

Kurtenbach, F. J. Static and Flyover Noise Measurements of an Inverted Profile Exhaust Jet (77-GT-81) (A) **Ag 103**

Kuzay, T. M. Investigation of Turbulent Momentum Transfer of Fully Developed Rotating Annular Axial Flow of Air (76-WA/HT-85) (A) **Je 117**

Kuziak, W. R, Jr. Aerothermodynamic Performance of a Variable Nozzle Power Turbine Stage for an Automotive Gas Turbine Stage for an Automotive Gas Turbine (77-GT-95) (A) **Ag 104**

Kwan, C. T. Fatigue Analysis for Lattice Legs of Jack-Up Drilling Platforms (77-Pet-11) (A) **N 109**. Ultimate Bending Capacity of Lattice Legs for Jack-Up Drilling Platforms (76-Pet-26) (A) **Ja 101**

Kwok, C. C. K. A Minimum Drag Criterion for Prisms Mounted Eccentrically in a Channel (77-FE-9) (A) **S 100**

Kyed, J. M. *(author)* Scientific, Engineering, and Medical Societies Publications in Print 1976–1977 (CB) **Ap 107**

L

Laananen, D. H. Design Optimization of a Single Fluid, Solid Sensible Heat Storage Unit (76-WA/HT-64) (A) **Je 114**

Laboratory Techniques

Laboratory Techniques for Quantifying the Performance of Rail Vehicles Utilizing Servo-Controlled Hydraulic Vertical Actuators (76-WA/RT-5) (A) **Mr 94**

Labra, J. J. More PhD-bate (C) **O 56**

Lackey, M. E. A New Approach to a Fluidized Bed Steam Boiler (76-WA/Pwr-8) (A) **F 133**

Lading

Dyamic Simulation of Freight Car and Lading During Impact (77-RT-3) (A) **Ag 106**

Laessig, R. E. Simulation-Gaming in Energy Management Educatn **Mr 29**

LaGraff, J. E. Generalized Weather Functions for Computer Analysis of a Solar-Assisted HVAC Systems (76-WA/Sol-20) (A) **Mr 103**. Thermal Simulation of a Building with Solar Assisted Closed Liquid Loop Unitary Heat Pumps (76-WA/Sol-23) (A) **Mr 103**

Lai, Y. S. On Nuclear Safety Valve Operability (76-WA/Saf-4) (A) **Ap 95**

Lak, S. The Transport and Breakdown of Solid Lubricants in a Simple Forging Operation (76-Lub-16) (A) **F 141**

Lakshminarayana, H. V. Influence of Material Orthotropy on the State f Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) (A) **Mr 100**

La Londe, W. S., Jr. *(author)* Professional Engineer's Examination Questions and Answers (CB) **Ap 107**

Lamb, J. P. A Survey of Fluid Mechanics Education of Mechanical Engineers (77-FE-11) (A) **S 100**

Laminar Boundary Layers

The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) (A) **S 94**

Laminar Convection

Combied Forced and Free Laminar Convection in Vertical Rod Bundles with Longitudinal Flow (77-HT-44) (A) **O 105**

Laminar Dispersion

An Approximate Analysis of Laminar Dispersion in Circular Tubes (76-WA/APM-10) (A) **Je 110**

Laminar Entry Regions

Dynamics of a Vaporizing Droplet in Laminar Entry Region of a Straight Channel (77-HT-40) (A) **O 104**

Laminar Film Condensation

Laminar Film Condensation-Combined Effect of Magnetic Field and Variable Gravity (77-HT-25) (A) **O 102**

Laminar Heat Transfer

Application of Schwarz-Neumann Technique to Fully Developed Laminar Heat Transfer in Noncircular Ducts (76-WA/HT-49) (A) **Je 112**

Laminar Heat Transfer in Ducts with Viscous Dissipation and Convective Radiative Exchange at the Walls (76-WA/HT-59) (A) **Je 1147**

Laminar Overfire Region

An Investigation of the Laminar Overfire Region Along Upright Surfaces (77-HT-68) (A) **O 107**

Laminar Throughflow

Laminar Throughflow of a Fluid Containing Particles Between Corotating Disks (76-WA/FE-38) (A) **F 138**

Laminar Throughflow of Quality Steam Between Corotating Disks (76-WA/FE-41) (A) **F 138**

Laminated Construction

Plastic Instability of Thin-Walled Spherical and Cylindrical Shells of Laminated Construction (77-PVP-40) (A) **D 104**

Lamparter, R. A. Investigation of Low-Temperature Carbon Monoxide Oxidation Catalysts (77-ENAs-28) (A) **N 98**

Land, R. E. Modeling the Effect of Inventory Loss on Steam Generator Heat Transfer (77-WA/HT-70) (A) **Je 115**

Landis, J. N. *(recipient)* James N Landis Award **D CR-12**

Landsat Satellite Data

Landsat Results Show Promise (NB) **My 65**

Lang, R. P. Experience with Gas/Steam Combined Cycle Turbines on a Natural Gas Pipeline (77-GT-8) (A) **JI 92**

Lange, F. F. Progress on Ceramic Rotor Blade Development for Industrial Gas Turbines (77-GT-42) (A) **Ag 98**

Lange, K. H. Gas Turbine Power Plants of Large Unit Capacity in Standard Construction (77-GT-21) (A) **JI 94**

Lange, N., Jr. Development of an In Situ Calibration Technique for Combustible Gas Detectors (77-ENAs-22) (A) **N 97**

Langhaar, H. L. Stress on CGS (C) **Ag 43**

Langhorst, F. E. Structural Modeling Graphics An Aid to Understanding Complex Design Problems (77-DET-6) (A) **D 101**

Language Systems

A Design Study of a Simple Conversational Language System (76-WA/Aut-11) (A) **My 93**

Lanning, J. G. Aluminous-Keatite—An Improved Rotary Ceramic Regenerator Core Material (77-GT-60) (A) **Ag 100**

Lanning, W. C. Alternative Liquid Fuels and the ERDA Program (76-Pet-15) (A) **Ja 100**

Lantz, J. B. Development of an Advanced Combined Iodine Dispenser/Detector (77-ENAs-30) (A) **N 97**. Development of an In Situ Calibration Technique for Combustible Gas Detectors (77-ENAs-22) (A) **N 97**

Lapedes, D. N. *(editor)* McGraw-Hill Encyclopedia of Energy (CB) **Ap 106**

Lapini, G. Diagnosis in Operation of Bearing Misalignments in Turbogenerators (77-DET-14) (A) **D 102**

Lard, E. W. A Continuous Shipboard Laundry Wastewater Treatment and Recycling System (77-ENAs-40) (A) **N 99**

Large-Scale Systems

The Use of Capital-Labor Ratio in the Design of Large-Scale Systems (77-DE-38) (A) **S 92**

Larson, D. C. Double-Exposure Collectors with Mirrors for Solar-Heating Systems (76-WA/HT-16) (A) **My 99**

Larson, J. K. Analytical Approach for Determination of Steam/Water Flow Capability in Power Plant Drain Systems (76-WA/Pwr-4) (A) **F 133**

Larson, R. H. Creativity and the Engineer (76-WA/Mgt-6) (A) **Je 105**. Developing Creativity in Engineers **Ag 29**

Lasagna, P. L. Static and Flyover Noise Measurements of an Inverted Profile Exhaust Jet (77-GT-81) (A) **Ag 103**

Laser Anemometers

Shock Tube Simulates Gas Turbine Conditions (BTR) **O 65**

Laser Beams

Laser Beam Centering System (IF) **Je 65**

Laser Heat Lights Tooth Decay (BTR) **Je 59**

Welding by Laser (BTR) **Mr 61**

Laser Fusion Reactors

Assessment of Surface-Heating Problems in Laser-Fusion Reactors (77-HT-83) (A) **N 104**

Laser Gaging

Automatic Laser Gaging (BTR) **N 64**

Laser Holographic Interferometry

Heat Transfer Within Nuclear Cask Studied (BTR) **N 59**

Laser Measurements

Turbulence Measurements of Spray Flames (77-HT-15) (A) **O 101**

Laser Technology

From Impact to Laser Printer (IF) **O 72**

New Laser Development (EN) **Ap 74**

Laser Velocimetry

Experimental Study of the Flow Field Within a Transonic Axial Compressor Rotor by Laser Velocimetry and Comparison With Through-Flow Calculations (77-GT-28) (A) **JI 95**

Lasers

Laser Lowdown (C) **S 46**

Lash, F. B. The First Year's Operating Experience-GE LM2500 Gas Turbine in USS Spruance (DD-963) (77-GT-107) (A) **Ag 105**

Laska, E. D. Active Reaeration—A Possible Solution to Polluted Ponds (NR) **Ja 70**. *(recipient)* Arthur L Williston Medal **Ja CR-7**

Laskaris, T. E. Transient Thermal Analysis of Epoxy-Impregnated Superconducting Windings in Linearly Ramped Fields (77-HT-77) (A) **N 103**

Lastella, J. Gas Turbine Salt Ingestion Analysis (77-GT-20) (A) **JI 94**

Lateral Buckling

The Effect of Principal Bending Curvature on the Lateral Buckling of Uniform Slender Beams (77-APM-22) (A) **S 96**

Lateral Deflections

Effect of Centrifugal Forces on Lateral Deflection and Fundamental Frequency of Turbine Blade (77-Pet-12) (A) **D 106**

Latham, W. T. Surface Safety Systems for Offshore Platforms (76-Pet-89) (A) **Ja 108**

New Single-Spindle Turret Lathe (BTR) **Ag 48**

Latta, G. E. Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) (A) **S 98**

Lattice Legs

Fatigue Analysis for Lattice Legs of Jack-Up Drilling Platforms (77-Pet-11) (A) **N 109**

Ultimate Bending Capacity of Lattice Legs for Jack-Up

Drilling Platforms (76-Pet-26) (A) **Ja 101**

Launch Vehicle Insulation Systems
Rain Erosion Considerations for Launch Vehicle Insulation Systems (77-ENAs-15) (A) **O 109**

Launder, B. E. Computation of Annular Turbulent Flow With Rotating Core Tube (77-FE-13) (A) **S 100**

Laundry Wastewater
A Continuous Shipboard Laundry Wastewater Treatment and Recycling System (77-ENAs-40) (A) **N 99**

Laurendeau, N. M. Prediction of Radiation Absorption and Scatering in Turbid Water Bodies (77-HT-47) (A) **O 104**

Law, E. H. Effects of Truck Design on Hunting Stability of Railway Vehicles (76-WA/RT-1) (A) **Mr 94**

Law Enforcement
A Prime Example of Federal Technology Transfer in the Area of Law Enforcement (76-WA/Aero-5) (A) **My 96**

Lawit, R. L. Specifics of Heat Exchanger Design for a 2000-MWt Dual Cyle, MHD Topping-Steam Bottoming Power Plant (77-HT-61) (A) **O 107**

Lawnmowers
Hazard Description of Power Lawnmowers (77-DE-12) (A) **S 89**

Lawrence, F. D. Critical Heat Flux in PWR Fuel Assemblies (77-HT-92) (A) **N 105**

Lawrence, J. B. Improved Cryogenic Processing—(Application of Multistage Turbo-Expander Design to Cryogenic Processes) (76-WA/PID-12) (A) **Je 107**

Lawton, C. W. Special Considerations for Strain Hardening Materials in High Cycle Fatigue (77-PVP-33) (A) **D 103**

Layered Vessels
Advanced Technology for Large Thick-Wall High-Pressure Vessels **My 40**

Layton, E. T., Jr. Engineering Ethics and the Public Interest: A Historical View (76-WA/TS-9) (A) **My 89**

Lazzeri, L. A Model for a Strain Hardening Pipe Element (77-PVP-47) (A) **D 104**

Lead Poisoning
Causes of Lead Poisoning Questioned (BTR) **F 61**

Leading-Edge Correction
Leading-Edge Correction for the Supercavitating Flat-Plate Hydrofoil (77-FE-21) (A) **O 110**

Leak-Free Sealing System
A New Leak-Free Sealing System for a Downhole Safety Valve (76-Pet-99) (A) **Ja 107**

Leakage-Free Operations
Conditions of Leakage-Free Operation of Herringbone Grooved Journal Bearings (76-Lub-27) (A) **F 142**

Lean Ethylene/Air Mixtures
Heterogeneous Catalysis of Lean Ethylene/Air Mixtures by Platinum Coated Wire Screens (76-WA/GT-2) (A) **Mr 96**

Learning Programs
A Learning Program for Engineering and Scientific Professionals in the Oil and Gas Industry Concerning Metrication and SI Units (76-Pet-10) (A) **Ja 99**

LeBlank, J. C. A Representative Shuttle Environmental Control System (77-ENAs-25) (A) **N 97**

Ledford, O. C. Fluid Loop Systems for euse in Spacecraft Thermal Control (77-ENAs-13) (A) **O 109**

Ledge Rock Masses
Boreholes' Stability and Its Prognosis in Ledge Rock Masses (76-Pet-58) (A) **Ja 105**

Lee, B. E. An Investigation of the Forces on Three-Dimensional Bluff Bodies in Rough Wall Turbulent Boundary Layers (76-WA/FE-1) (A) **F 134**; Turbulent Flow Past a Square Prism (76-WA/FE-5) (A) **F 134**

Lee, E. H. *(recipient)* Timoshenko Medal **Ja CR-6**

Lee, G. K. Coal-in-Oil: A Substitute Boiler Fuel (76-WA/Fu-2) (A) **Je 102**; Plume Dispersion from a Lignite-Fired Power Station in Flat, Rural Terrain (76-WA/APC-7) (A) **Ap 104**

Lee, H. S. H. Influence of Axle Load, Track Gauge, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) (A) **Mr 94**

Lee, J. L. Development of a Real Time Computer Oriented Locomotive Maintenance Program (76-WA/RT-10) (A) **Mr 94**

Lee, J. Y. Free Convection of Supercritical Helium-1 in Vertical Insulated Ducts Carrying Axial Heat Flow (77-HT-8) (A) **O 101**; Free Convection at Supercritical Pressures in Cryo-Fluid Helium-1 (76-WA/PID-14) (A) **Je 108**; He II-He I Phase Convection in Cryo-Fluid He Above the Critical Pressure (76-WA/HT-58) (A) **Je 113**

Lee, L. Effect of Rod Bowing on CHF in PWR Fuel Assemblies (77-HT-91) (A) **N 105**

Lee, M. I. Fuel Performance Evaluation after the First Cycle of Operation at Indian Point Unit No. 2 (76-WA/NE-17) (A) **Ap 95**

Lee, P. M. A Minimum Drag Criterion for Prisms Mounted Eccentrically in a Channel (77-FE-9) (A) **S 100**

Lee, R. B. The Development of the Super-Sipper In-Core and Out-of-Core Failed Fuel Detection Systems (76-WA/NE-20) (A) **Ap 95**

Lee, S. Y. On the Drawability of Sheet Metal in Noncircular Cups (76-WA/Prod-2) (A) **Jl 96**

Lee, Y. J. Sodium Heated Steam Generator Tube Wastage Due to Water/Steam to Sodium Leaks—Theory and Correlation (76-WA/HT-77) (A) **Je 116**

Lee, Y. S. An Analysis for Plane Strain Plastic Deformation in Metal-Working Process (76-WA/Prod-16) (A) **Jl 98**

Legal Incentives
Legal and Psychological Incentives and Deterrents to Recycling (77-RC-6) (A) **Ag 108**

Legal Systems
Perspectives of the Legal System (77-EE-22) (A) **S 90**

Legislation
Legislative Insight Into "The Metric Conversion Act" (76-WA/TS-14) (A) **My 90**
News from the White House, Congress, and the Courts (WW) **F 80**

Legislative Policy
Measuring Air Pollution: What Does it Mean? **Jl 84**

Legislative Systems
The Game: Legislating Conversion to Coal (WW) **My 70**

Lehman, S. J. Effect of Water-Cooling Turbine Blades on Advanced Gas Turbine Power Systems (77-GT-80) (A) **Ag 102**

Lehnhoff, T. F. Design of a Hydraulic Longwall Coal Mining Machine (76-WA/DE-2) (A) **Mr 104**

Leidenfrost, W. Study of Heat Transfer and Melting Front from a Cylinder Imbedded in a Phase Change Material (77-HT-42) (A) **O 104**

Leigler, B. P. *(author)* Theory of Modelling and Simulation (CB) **Ap 107**

Leis, B. N. An Energy-Based Fatigue and Creep-Fatigue Damage Parameter (77-PVP-3) (A) **N 106**; Fatigue Life Prediction of Complex Structures (77-DE-46) (A) **S 93**

Leist, T. Application of Modal Testing Techniques to Solve Vibration Problems in Machinery Supporting Structures (77-DE-16) (A) **S 90**

Leith, E. N. *(recipient)* Holley Medal **Ja CR-6**

Leland, B. J. Correction of S-Type Pitot-Static Tube Coefficients When Used for Isokinetic Sampling From Stationary Sources (76-WA/GT-6) (A) **Mr 97**

Leman, J. D. EBR-II Ten Years Later **Ja 33**

Lendman Career Weekends
Job Hunting Made Easy (NR) **Ag 64**
A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (77-FE-4) (A) **S 99**

Lenertz, J. E. Account of Mainstream Turbulence for Predicting Film Cooling Effectiveness in Gas Turbine Combustors (77-HT-10) (A) **O 101**

Lenihan, J. *(editor)* Energy Resources and the Environment (CB) **Mr 108**

Lent, D. S. Renovation of Waste Shower Water by Membrane Filtration (77-ENAs-60) (A) **N 101**

Leonard, J. R. Effect of System Variables on Departure from Nucleate Boiling in the Clinch River Breeder Reactor Plant Steam Generators (76-JPGC-NE-4) (A) **Ja 112**

Le Tourneau, B. W. Those Dekameter-Newton (dam-N) Metrics! (C) **Jl 51**

Letson, K. N. Aerothermal and Rain Erosion Behavior of Selected Candidate Plastic Radome Materials in Mach 5 Sled Tests (77-ENAs-16) (A) **N 96**

Letton, G. C., Jr. Variable Geometry Air Cycle Machine (77-ENAs-7) (A) **O 108**

Leung, P. Power System Economics: An Evaluation of Plant Auxiliary System Incremental Kilowatt Consumption (76-WA/Pwr-2) (A) **F 133**

Leva, D. W. Design of a Capsule Pipeline (76-Pet-34) (A) **Ja 102**

Levesque, C. R. A Method for Performing a Product Liability Investigation (77-DE-1) (A) **S 88**

Levin, R. L. The Concentration Polarization of Solutes Within Biological Cells (76-WA/Bio-4) (A) **Jl 101**

Levis, H. Agriculture, Food Production, and Technological Change: A Dynamic System Approach (76-WA/TS-3) (A) **My 88**

Levitz, N. Development of Compound Parabolic Concentrators for Solar Thermal Applications (76-WA/Sol-11) (A) **F 132**

Levy, A. Primer on Transient Analysis of Complex Structures at Resonance (76-WA/DE-10) (A) **Mr 104**

Levy, J. B. Elections to Fellow Grade **F 128**

Lewis, B. T. *(editor)* Management Handbook for Plant Engineers (CB) **Ap 106**

Lewis, K. J. Indefensibly Offensive (C) **Mr 53**

Li, K. W. A Second-Law Analysis of the Air-Storage Gas Turbine System (76-JPGC-GT-2) (A) **Ja 111**

Liao, G. S. Analytical Approach for Determination of Steam/Water Flow Capability in Power Plant Drain Systems (76-WA/Pwr-4) (A) **F 133**

Libertiny, G. Z. Product Safety Hazard Analysis (77-DE-2) (A) **S 88**

Licensing Requirements
Managing Environmental Monitoring Programs to Meet Engineering and Licensing Requirements for Power Plants (76-WA/Pwr-9) (A) **F 133**

Lienhard, J. H. Corresponding States Correlations of the Liquid and Vapor Spinodal Lines (77-HT-20) (A) **O 102**; Elections to Fellow Grade **S 87**

Liers, H. S. Performance of Flat-Plate Collectors with Planar Reflectors (76-WA/HT-27) (A) **My 100**

Life Cycle Cost
Life Cycle Cost as a Propulsion System Design Consideration (77—99) (A) **Ag 104**

Life-Support Systems
A Closed Life-Support System for Space Colonies (77-ENAs-18) (A) **O 109**
Development of a Prototype Regenerable Carbon Dioxide Absorber for Portable Life Support Systems (77-ENAs-54) (A) **N 100**
Hollow Fiber Membranes for Advanced Life Support Systems (77-ENAs-43) (A) **N 99**
Space Construction Base Support Requirements for Environmental Control and Life Support Systems (77-ENAs-44) (A) **N 99**
Space Station Prototype Advanced Life Support System Hardware Testing (77-ENAs-32) (A) **N 98**
The Spacelab Environmental Control/Life Support Subsystem (77-ENAs-24) (A) **N 97**
Water and Wastewater Reclamation in a 21st Century Space Colony (77-ENAs-47) (A) **N 100**

Lift/Cruise Control
The Shaft Coupled Lift/Cruise Fan Propulsion System for Navy Multimission V/STOL Aircraft (77-GT-112) (A) **Ag 106**

Lift Effects
Effects of Additives Ejection on Lifting Hydrofoils (77-FE-27) (A) **O 111**

Lift/Propulsion Power
Gas Turbine Installations for Air Cushion Vehicle Lift and Propulsion Power—The AALC JEFF Craft (77-GT-71) (A) **Ag 101**

Light Rail Rapid Transit Project
A New Light Rail System (NB) **Ag 67**

Light Water Reactors
The Year 2005: A Backward Look **N 83**

Lighter Type Aircraft
Payoff of the Application of Advanced Composite Materials to a Fighter Type Aircraft (76-WA/Aero-13) (A) **My 97**

Lightwave Communications
Lightwave Communications for Chicago (BTR) **Ap 56**

Lightweight Materials
Lightweight Materials Study (IF) **F 69**

Lilleleht, L. U. Analysis of Thermal Performance of "Solaris" Water-Trickle Solar Collector (76-WA/Sol-21) (A) **F 132**

Limberoller® Idler
Unique Catenary-Type Idler (BTR) **My 52**

Lime/Limestone
Lime/Limestone Air Quality Control Systems: Effect of Magnesium on System Performance (76-WA/APC-10) (A) **Ap 103**

Lin, C. T. Fracture Analysis of Adhesively Bonded Sheets (76-WA/APM-12) (A) **Jl 103**

Lin, C.-W. Building and Equipment Seismic Response for PWR Plants (76-WA/PVP-14) (A) **Mr 101**

Lin, S. D. An Analysis of a Two-Stream Gravity-Feed Mixing Process (77-DE-44) (A) **S 93**

Lin, S. S. Recent Tests of Industrial Gas Turbine Combustors Fueled with Simulated Low Heating Value Coal Gas (76-WA/GT-3) (A) **Mr 96**

Lin, T. H. Derivation of Polycrystal Creep Properties from

the Creep Data of Single Crystals (77-APM-8) (A) **S 95**

Lind, G. W. Engine Cycle Selection and Propulsion System Integration for Future High Performance Fighter Aircraft (77-GT-101) (A) **Ag 105**

Lindberg, L. *(editor)* The Energy Syndrome: Comparing National Responses to the Energy Crisis (CB) **N 111**

Lindell, S. A. *(recipient)* Sylvia W. Farny Scholarship **Ja 92**

Linderoth, L. S., Jr. An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OcE-1) (A) **My 94**

Line Contacts

A Microcontinuum Theory for the Elastohydrodynamic Inlet Zone (76-Lub-19) (A) **F 141**

Line Loading

Fixed Edge Bending Moments of Thin Rectangular Cantilever Plates Due to Line Loading (77-DET-119) (A) **D 102**

Line Pipe Steels

Use of a Brittle Notch DWTT Specimen to Predict Fracture Characteristics of Line Pipe Steels (77-Pet-21) (A) **D 106**

Linear Algebraic Relations

Designing Low-Order, Near-Optimum Controllers with Just a Little Algebra (76-WA/Aut-5) (A) **My 92**

Linear Partitions

Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) (A) **Ap 96**

Linear Programming

The Use of Linear Programming for Machinability Data Optimization (76-WA/Prod-5) (A) **Jl 96**

Linear Stability Analysis

Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) (A) **S 95**

Linear Transport Laws

Deviations From the Linear Transport Laws and Corrections to the Onsager Reciprocal Relations (76-WA/APM-2) (A) **Je 109**

Linhardt, H. D. Note on the Development Progress of Single and Two-Shaft Hot Gas Expander Compression Systems (76-Pet-17) (A) **Ja 100**

Linkages

Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) (A) **Ap 96**

The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) (A) **Ap 99**

Linsteadt, G. F. Federal Laboratory Technology Transfer—Fact or Fiction? (76-WA/Aero-3) (A) **My 95**

Lip Fracture

Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) (A) **Jl 98**

Liquefied Natural Gas

Carburization Failure of Type 304 Stainless Tubes in LNG Service (76-Pet-76) (A) **Ja 107**

Design Parameters for LNG-Crude Oil Slurry Pipelines (76-Pet-16) (A) **Ja 100**

Economic Analysis of Cryogenic Pipelines for Arctic Resource Recovery (77-Pet-8) (A) **N 109**

Experimental Study of LNG Underground Tank (76-WA/PID-5) (A) **Je 106**

Liquefied Natural Gas Imports: The Potential for Additional Sources of Natural Gas for Electric Power Generation (76-JPGC-Fu-3) (A) **Ja 111**

LNG-Crude Oil Slurry Cryogenic Pipelines (76-WA/PID-8) (A) **Je 107**

Optimized Expander Process in Operation in LNG Peakshaving Plant (76-WA/PID-9) (A) **Je 107**

Spontaneous Statification in LNG Tanks Containing Nitrogen (76-WA/PID-6) (A) **Je 106**

Liquid Drop Deposition

On the Mechanism of Liquid Drop Deposition in Two-Phase Flow (76-WA/HT-18) (A) **My 100**

Liquid Engrainment Separation

Influence of Cone Design Upon Liquid Engrainment Separation for a Steam Cyclone Separator (76-WA/Pwr-6) (A) **F 133**

Liquid Fluidized-Bed Heat Exchanger

Advances in Liquid Fluidized-Bed Heat Exchanger Development (77-HT-66) (A) **N 101**

Liquid Fluorocarbon

Heat Transfer Across Centrifugally Stabilized Liquid-Liquid Interfaces; Application to Extracorporeal Heat Exchanger Design (76-WA/Bio-9) (A) **Jl 102**

Liquid Fuels

Alternative Liquid Fuels and the ERDA Program (76-Pet-15) (A) **Ja 100**

Radical Overshoot Phenomena in Liquid Fueled Gas Turbine Combuster (77-GT-5) (A) **Jl 92**

Liquid Layers

Heat Transfer from a Horizontal Plate Facing Upwards to Superposed Liquid-Layers with Change of Phase (76-WA/HT-1) (A) **My 97**

Liquid Lithium

Thermal Hydraulic and Power Cycle Analysis of Liquid Lithium Blanket Designs (77-HT-84) (A) **N 104**

Liquid-Liquid Interfaces

Heat Transfer Across Centrifugally Stabilized Liquid-Liquid Interfaces: Application to Extracorporeal Heat Exchanger Design (76-WA/Bio-9) (A) **Jl 102**

Liquid Mixtures

Homogeneous Nucleation in Multi-Component Liquid Mixtures (77-HT-21) (A) **O 102**

Liquid Natural Gas

The Use of Liquid Natural Gas as Heat Sink for Power Cycles (77-GT-19) (A) **Jl 94**

Liquid Oxygen

Liquid Oxygen and MHD Power (BTR) **F 64**

Liquid Pipeline Scheduling

Computerized Aid for Liquid Pipeline Scheduling and Dispatching Functions (77-Pet-20) (A) **D 106**

Liquid Radwaste

Thin-Film Evaporators for Processing BWR Liquid Radwaste (76-WA/NE-4) (A) **Ap 92**

Liquid-Solid Contacts

Hydrodynamic Instability Induced Liquid-Solid Contacts in Film Boiling (76-WA/HT-25) (A) **My 100**

Liquid Spinodal Lines

Corresponding States Correlations of the Liquid and Vapor Spinodal Lines (77-HT-20) (A) **O 102**

Liquids

Small Bubble Motion in an Accelerating Liquid (76-WA/APM-5) (A) **Je 109**

Lithium Aluminum Silicate

Aluminous-Keatite—An Improved Rotary Ceramic Regenerator Core Material (77-GT-60) (A) **Ag 100**

Lithium Hydroxide System

The Development and Testing of a Regenerable CO2 and Humidity Control System for Shuttle (77-ENAs-27) (A) **N 98**

Liu, C. H. Prerupture Behavior of Biosystems Under Stress (77-Bio-3) (A) **S 98**

Liu, C. Y. The Simulation of Thermal Behavior of Permafrost Soil (76-WA/HT-57) (A) **Je 113**

Livesey, J. L. An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers with Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) (A) **F 134**

Llorens, R. E. The Compression of Thick-Walled Tubes by External Pressure (77-PVP-2) (A) **N 106**

Lloyd, A. J. P. Dynamic Analysis Environmental Control Systems the "**EASY**" Way (77-ENAs-6) (A) **O 108**; Modeling Heat Exchangers as Part of a Large System Simulation (77-ENAs-9) (A) **O 108**

Lo, H. Some Results on Dynamic Characteristics of Major Components of 1200-MW Fossil Fuel Steam Generating Plant (76-JPGC-Pwr-11) (A) **Ja 110**

Load Cells

Computer-Based Rational Design of Strain-Gage Load Cells (77-DE-40) (A) **S 92**

Loading

Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) (A) **S 96**

Material Failure and Component Design Under Cyclic Loading (77-DE-27) (A) **S 91**

Multiple Fracture of Beams Under Localized Impulsive Loading (77-APM-23) (A) **S 97**

Stress Analysis of the Geometric Knee Under Static Loading (77-Bio-6) (A) **S 99**

Lobbying

ASME as a D.C. Lobbyist (NR) **D 68**

Reflections on Dealing with a Lobby (WW) **D 78**

Locomotion

Locomotion: A World Survey of Railway Traction (CB) **F 144**

Locomotive Suspension Systems

Development of a Simulation Methodology for Optimizing Locomotive Suspension Systems (77-RT-6) (A) **Ag 107**

Locomotives

Progress in Rail Transportation **My 44**

Loehrke, R. I. Low Reynolds Number Flow in Plate Wakes (76-WA/HT-30) (A) **Je 110**

Logan, E., Jr. Response of a Turbulent Pipe Flow to a Change in Roughness (77-FE-3) (A) **S 99**

Logic Circuits

Design Method for Near-Optimal NOR Logic Circuits (76-WA/Flcs-4) (A) **Ap 101**

London, A. L. Laboratory Studies of Nonisothermal Fluid Production from Fractured Geothermal Reservoirs (77-HT-53) (A) **O 106**; *(recipient)* R. Tom Sawyer Award **D CR-13**

London, K. R. *(author)* The People Side of Systems: The Human Aspects of Computer Systems (CB) **Ap 107**

Lones, J. J. Development of Economical Casting Process for NEMO-Type Acrylic Submersible Hulls (76-WA/OcE-7) (A) **My 95**

Long Duration Exposure Facility

"Spaced-Out" Experiment Planned (NR) **Ja 72**

Long, S. S. High Temperature Properties and Constitutive Equations for 1 Cr-½ Mo Steel (77-PVP-50) (A) **D 105**

Longcope, D. B. Response of a String to an Accelerating Mass (76-WA/APM-26) (A) **Jl 104**

Longinotti, D. B. Simulation Techniques in Seismic Qualification of Category I Auxiliary Equipment (77-DGP-18) (A) **D 100**

Longitudinal Conductions

Longitudinal Conduction in a Three-Fluid Heat Exchanger (76-WA/HT-9) (A) **My 98**

Longitudinal Flow

Combined Forced and Free Laminar Convection in Vertical Rod Bundles with Longitudinal Flow (77-HT-44) (A) **O 105**

Longitudinal Shear

Fully Plastic Asymmetric Edge Crack Under Longitudinal Shear (77-APM-15) (A) **S 95**

Longsworth, R. C. Optimization of Helium Refrigerators for Superconducting Power Transmission Lines in Terms of Cost and Reliability (76-WA/PID-16) (A) **Je 108**

Look, D. C. Two-Dimensional Multiple Scattering: Comparison of Theory with Experiment (77-HT-48) (A) **O 105**

Lorenz, J. J. J CRBRP Outlet Plenum Behavior During Steady-State and Transient Conditions (77-HT-32) (A) **O 103**; A Study of the Density Interface in a Stratified LMFBR Outlet Plenum (77-HT-23) (A) **O 103**

Lorsch, H. G. Design and Costs of High Temperature Thermal Storage Devices Using Salts or Alloys (76-WA/HT-34) (A) **Je 111**

Loutrel, S. P. Construction and Preliminary Test of Fiber-Reinforced-Concrete Pump Casing (76-WA/PVP-11) (A) **Mr 101**

Loss Coefficients

Loss Coefficients For Fluid Meters (76-WA/FM-2) (A) **Je 105**

Loss of Coolant Accident

Prediction of Reflood Heat Transfer with Standard Loop Programs (76-WA/HT-54) (A) **Je 113**

A Survey of Rewetting Following a Postulated LOCA (77-HT-93) (A) **N 105**

Lovejoy, R. E. *(recipient)* Pi Tau Sigma Gold Medal **D CR-13**

Low Carbon Steel

Tool Wear in the Peripheral Milling of a Low Carbon Steel (76-WA/Prod-35) (A) **Jl 100**

Low Cycle Fatigue

Low-Cycle Fatigue of AISI 1010 Steel at Temperatures up to 1200°F (649°C) (76-WA/PVP-3) (A) **Mr 100**

Verification of Specimens for Low Cycle Fatigue and Cyclic Plasticity Testing (77-PVP-35) (A) **D 103**

A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) (A) **Mr 98**

X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) (A) **Mr 99**

Low-Sulfur Steels

New Line of Low-Sulfur Steels (BTR) **O 60**

Lowen, G. G. Elections to Fellow Grade **Je 100**

Lu, D. C. Computer Aided Design of a Shell and Tube Heat Exchanger for Oil and Asphalt Heating (76-WA/HT-6) (A) **My 98**

Lu, K. *(author)* Encyclopedia of Energy Efficient Building Design: 391 Practical Case Studies (CB) **O 112**

Lu, P. -C. Transient Boundary Layers Between Porous

Plates (76-WA/APM-32) (A) **JI 105**
Lubin, B. T. Experimental Data on the Natural Frequency of a Tubular Array (77-FR-10) (A) **S 100**
Lubricants
Development of Antiwear Cylinder Oil for High Output Crosshead Diesels (77-DGP-10) (A) **D 98**
A New Generation Lubricant for Extended Drain Diesel Service (77-DGP-16) (A) **D 100**
Proper Lubrication—The Key to Better Bearing Life. Part 1: Selecting the Correct 32. Part 2: Some Typical Lubricating Problems and Their Solutions **N 46**. Part 3: Extreme Operating Conditions **D 35**
Lubrication
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) (A) **Ap 96**
Proper Lubrication, The Key to Better Bearing Life—Part 2: Some Typical Lubricating Problems and Their Solutions **N 46**
Lubrication Conference
An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (76-Lub-9) (A) **F 140**
Bearing Oil Delivery by Disk-Scraper Means (76-Lub-2) (A) **F 139**
A Class of Maximum Load Capacity Sector Thrust Bearings (76-Lub-6) (A) **F 140**
Conditions of Leakage-Free Operation of Herringbone Grooved Journal Bearings (76-Lub-27) (A) **F 142**
Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) (A) **F 142**
Design of Efficient Turbulent Thrust Bearings (76-Lub-29) (A) **F 143**
Design of Nonlinear Squeeze Film Dampers for Aircraft Engines (76-Lub-25) (A) **F 142**
The Dual Action Gas Thrust Bearing—A New High Load Bearing Concept (76-Lub-11) (A) **F 140**
Dynamic Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) (A) **F 143**
Effects of Load, Speed and Surface Roughness on Sliding EHD Contact Temperatures (76-Lub-23) (A) **F 141**
The Effects of a Single Building on Diffusion—A Combined Laboratory and Field Study (76-WA/FE-27) (A) **F 137**
Experimental Verification of Thermoelastic Instabilities in Sliding Contact (76-Lub-21) (A) **F 143**
First Effects of Stokes Roughness on Hydrodynamic Lubrication (76-Lub-12) (A) **F 140**
The Fluid Pivot Journal Bearing (76-Lub-26) (A) **F 142**
Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (76-Lub-32) (A) **F 143**
Isothermal Elastohydrodynamic Lubrication of Point Contacts Part III—Fully Flooded Results (76-Lub-30) (A) **F 143**. Part IV—Starvation Results (76-Lub-31) (A) **F 142**
Journal Bearing Impedance Descriptions of Rotordynamic Applications (76-Lub-24) (A) **F 142**
Lubrication of Surfaces Having Area-Distributed Isotropic Roughness (76-Lub-7) (A) **F 140**
A Microcontinuum Theory for the Elastohydrodynamic Inlet Zone (76-Lub-19) (A) **F 141**
On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) (A) **F 139**
Optical Measurement of Oil Film Thickness Between Rollers (76-Lub-10) (A) **F 141**
The Optimal Wearpath Principle (76-Lub-28) (A) **F 142**
Performance of 75-Millimeter Bore Arched Outer-Race Ball Bearings (76-Lub-18) (A) **F 141**
Short-Time Torque Investigations on DMA-Bearings (76-Lub-20) (A) **F 142**
Systems of Finite Elements for Finite Bearings (76-Lub-13) (A) **F 141**
A Theoretical Analysis of a Compliant Shell Air Bearing (76-Lub-5) (A) **F 140**
A Theoretical Study of the Effects of Cooling on Thermoelastic Contact Instabilities (76-Lub-14) (A) **F 141**
Transmissibility Study of a Flexibly Mounted Rolling Element Bearing in a Porous Bearing Squeeze-Film Damper (76-Lub-4) (A) **F 139**
The Transport and Breakdown of Solid Lubricants in a Simple Forging Operation (76-Lub-16) (A) **F 141**
Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) (A) **F 139**
A Variable Wave Speed Technique for the Steady-State Analysis of Low-Clearance Gas Bearings (76-Lub-17) (A) **F 140**
Vibrational Characteristics of Ball Bearings (76-Lub-8) (A) **F 140**
Workpiece Surface Roughening in a Hydrodynamically Lubricated Metal Forming Process (76-Lub-15) (A) **F 141**
Lue, D. D. C. Stingray Pipeline Automated Measurement and Control System (77-GT-91) (A) **Ag 104**
Lufthansa's "Bungalow" Container
The Red Baron—Again! (IF) **Ag 58**
Luk, V. K. Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) (A) **S 97**
Lumley, J. L. A Theoretical Investigation on the Structure of Fan Wakes (76-WA/FE-22) (A) **F 136**
Lumped Fluid Networks
An Efficient Simulation Method for Distributed Lumped Fluid Networks (76-WA/Flcs-1) (A) **Ap 101**
"Lunaheat"
Down With Winter! (C) **Ag 42**
Lunar Roving Vehicle
Planetary Rover (BTR) **F 60**
Lunar 24 Material
Soil from the "Sea of Crises" (BTR) **Je 60**
Lundgren, J. R. Planning the Facility for Accelerated Service Testing (77-RT-10) (A) **Ag 107**
Lundquist, J. A. Hydraulic Power Recovery Turbines (76-Pet-65) (A) **Ja 106**
Lung Machines
Long-Term Maintenance on Artificial Lung (BTR) **My 53**
Lussie, W. G. Fuel Rod Bowing Resulting from Internal Pellet Motion (77-HT-29) (A) **O 103**
Lustgarten, G. How the Sulzer Medium-Speed Diesel Engines Meet the Demand for Power Generation (77-DGP-7) (A) **D 98**
Luttrell, N. W. Graphical Output-Oriented Computer Model of a Railroad Freight Car With Conventional Trucks (77-RT-11) (A) **Ag 107**
Lyle, F. F., Jr. Evaluation of the Sulfide SCC Susceptibility of Tubular Steels (77-Pet-3) (A) **N 108**
Lyon, R. N. Hazards and Materials Compatibility of Ammonia for Power Plant Applications (77-RC-4) (A) **Ag 108**
Lysaght, M. J. Hollow Fiber Membranes for Advanced Life Support Systems (77-ENAs-43) (A) **N 99**

M

Maass, H. Ideas and Hypotheses on Plain-Bearing Failures (77-DGP-13) (A) **D 99**
MacCallum, N. R. L. The Effect of a Transversely Injected Stream on the Flow Through Turbine Cascades: Part 1—Flow Effects (77-GT-87) (A) **Ag 103**. Part 2—Performance Changes (77-GT-88) (A) **Ag 103**
Maccary, R. R. *(recipient)* J. Hall Taylor Medal **D CR-12**
Macchi, A. Use of In-Field Computer for Balancing High Power Turbo-Machinery (77-DET-11) (A) **D 102**
Macduff, R. B. Meandering Toward Metrics (C) **D 55**
Mach 5 Sled Tests
Aerothermal and Rain Erosion Behavior of Selected Candidate Plastic Radome Materials in Mach 5 Sled Tests (77-ENAs-16) (A) **N 96**
Machinability Data Optimization
The Use of Linear Programming for Machinability Data Optimization (76-WA/Prod-5) (A) **JI 96**
Machine Elements
Vapor Deposited Transcuders for Designing Against High Cycle Fatigue (77-DE-33) (A) **S 91**
Machine Tools
Design of a Viscoelastic Dynamic Absorbor For Machine Tool Applications (76-WA/Prod-20) (A) **JI 98**
One-of-a-Kind Machine Tool (BTR) **Ja 60**
Stiffness of Machine Tool Joints: A Random-Process Approach (76-WA/Prod-23) (A) **JI 99**
Machinery Monitoring Systems
A Dedicated Mini-Computer Based Monitoring System for Turbomachinery Protection and Analysis (76-Pet-13) (A) **Ja 99**
Experiences with a Minicomputer-Based Machinery Monitoring System (76-Pet-11) (A) **Ja 99**
Machinery Supporting Structures
Application of Modal Testing Techniques to Solve Vibration Problems in Machinery Supporting Structures (77-DE-16) (A) **S 90**
Machinery Surveillance
Progress and Payout of a Machinery Surveillance and Diagnostic Program (76-Pet-69) (A) **Ja 106**
Machining
High-Speed Films of the Incipient Cutting Process in Machining at Conventional Speeds (76-WA/Prod-26) (A) **JI 99**
Principles of Machining by Cutting, Abrasion and Erosion (CB) **JI 106**
Machining Centers
An Optimization Analysis of Machining Center (76-WA/Prod-34) (A) **JI 100**
Machining Processes
Optimization of Cutting Conditions for Multi-Pass Operations Considering Probablistic Nature in Machining Processes (76-WA/Prod-4) (A) **JI 96**
Macia, N. F. A Model for the Fluidic Port Characteristics of Ejectors (76-WA/Flcs-8) (A) **Ap 102**
Macinnes, H. *(author)* Turbochargers (CB) **JI 107**
Mack, T. E. Nonlinear Finite Element Analysis of Buttress Threaded Casing Connections (76-Pet-82) (A) **Ja 108**
Mack, W. M. Performance Ranking of Plate-Fin Heat Exchanger Surfaces (76-WA/HT-31) (A) **Je 110**
Madaras Rotor Power Plant
'30s Wind-Powered Plant Re-evaluated (BTR) **Ja 56**
Maday, C. J. A Class of Maximum Load Capacity Sector Thrust Bearings (76-Lub-6) (A) **F 140**
Maddox, H. A. Measurements of Torsional Dynamic Characteristics of The San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) (A) **Ja 109**
Maddox, K. C. Design of a Viscoelastic Dynamic Absorber for Machine Tool Applications (76-WA/Prod-20) (A) **JI 98**
Madhava Rao, M. S. PACC—A Computer Program for ASME Section III Categorization of Finite Element Stresses (77-PVP-17) (A) **N 106**
Magliozzi, B. Some Measured and Calculated Effects of Forward Velocity on Propeller Noise (77-GT-70) (A) **Ag 101**
Magnesium
Lime/Limestone Air Quality Control Systems: Effect of Magnesium on System Performance (76-WA/APC-10) (A) **Ap 103**
New Line of Low-Sulfur Steels (BTR) **O 60**
Magnesium-Aluminum Silicate
Fracture Strength and Thermal Shock Resistance of Thick and Thin-Wall Magnesium-Aluminum-Silicate Ceramic Heat Regenerators (77-GT-98) (A) **Ag 105**
Magnetic Bearings
The Development of a Repulsive Magnetic Bearing (76-WA/Aut-7) (A) **My 93**
Magnetic Fields
Confirm Structure of Sun's Magnetic Field (BTR) **Ag 47**
Effects of Wall Electrical Conductance and Induced Magnetic Field on MHD Channel Heat Transfer with Developing Thermal and Velocity Fields (77-HT-63) (A) **O 107**
Experimental Study on Bubble Motion in Mercury With and Without Magnetic Field (76-WA/HT-65) (A) **Je 114**
Laminar Film Condensation-Combined Effect of Magnetic Field and Variable Gravity (77-HT-25) (A) **O 102**
Magnetic Encephalograph (BTR) **N 62**
Transient Thermal Analysis of Epoxy-Impregnated Superconducting Windings in Linearly Ramped Fields (77-HT-77) (A) **N 103**
Magnetic Jack Actuators
Advanced Design "Magnetic Jack" Control Rod Drive Mechanism System (76-WA/NE-1) (A) **Ap 92**
Magnetic Jack Control Rod Drives (76-WA/NE-3) (A) **Ap 92**
Magnetic Liquids
Dynamics of a Partially Full Cylinder Containing a Magnetic Liquid in a Magnetic Field (76-WA/APM-4) (A) **Je 109**
Magnetic Materials
Teaching Old Magnets New Tricks **Ja 28**
Magnetoelastic Buckling
Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) (A) **S 96**
Magnetohydrodynamic Channels
A Numerical Solution to the Unsteady Quasi-Three-Dimensional, Turbulent Heat Transfer Problem in an MHD Channel (77-HT-90) (A) **N 105**
Magnetohydrodynamic Power
Liquid Oxygen and MHD Power (BTR) **F 64**
Milestone for MHD Power (BTR) **Ag 45**
Magnetohydrodynamic Power Generation
Analysis of a New Concept for a High Temperature Direct Coal-Fired Falling Particle Air Pre-Heater for MHD Power Generation (77-HT-60) (A) **O 106**

Magnetohydrodynamic Topping Cycle
Specifics of Heat Exchanger Design for a 2000-MWt Dual-Cycle, MHD Topping-Steam Bottoming Power Plant (77-HT-61) (A) **O 107**
Magnetohydrodynamics
Effects of Slagging in MHD Generator Ducts (77-HT-59) (A) **O 106**
Heat Transfer Problems Associated With an MHD Power Generation System—An Overview (77-HT-62) (A) **N 102**
A MHD Simulation Test Facility for Investigating the Thermal Properties of a Slag/Seed Coated Radiant Boiler and Superheater for a 2000-MWt MHD Power Plant (77-HT-64) (A) **N 101**
Particulate Deposition in Direct Fired MHD Air Preheaters (77-HT-65) (A) **O 107**
Magnets
Refrigeration for Forced-Cooled Large Superconducting Magnets (76-WA/PID-4) (A) **Je 106**
U.S. Airlifts Super Magnet to Soviet Union (BTR) **O 67**
Mainstream Turbulence
Account of Mainstream Turbulence for Predicting Film Cooling Effectiveness in Gas Turbine Combustors (77-HT-10) (A) **O 101**
Maintenance Engineering
Maintenance Engineering Handbook (CB) **S 103**
Maintenance Management
Maintenance Management (CB) **S 103**
Maiocco, F. R. The ABC's Required for Establishing a Practical Computerized Plant Engineering Management Data Base System (76-WA/PEM-1) (A) **My 93**
Maji, J. Erosion of a Tube by Gas-Particle Flow (76-WA/Mat-9) (A) **Mr 99**
Majumdar, A. S. For Industry—Academic Interaction (C) **S 46**
Malik, P. New High-Density Spent Fuel Rack Design (76-WA/NE-2) (A) **Ap 92**
Management
A Computer Simulation Model for Determining Fleet Size and Composition (76-WA/Mgt-1) (A) **Je 104**
Computer Support for Job-Shop Work Control (76-WA/Mgt-7) (A) **Je 105**
Creativity and the Engineer (76-WA/Mgt-6) (A) **Je 105**
The Engineer's Role in Analysis of the Brain (76-WA/Mgt-5) (A) **Je 104**
How Technology Works in Our Society (76-WA/Mgt-2) (A) **Je 104**
Large-Scale Computerization and Project Control Systems in the Design and Construction of Nuclear Power Plants (76-WA/Mgt-9) (A) **Je 105**
Management Handbook for Plant Engineers (CB) **Ap 106**
An On-Line Computer Application in Maintenance (76-WA/Mgt-10) (A) **Je 105**
The Partitive Analytical Forecasting (PAF) Technique as an Aid in Long-Term Research and Development Program Planning (76-WA/Mgt-4) (A) **Je 104**
Professional Aspects of Contemporary Management (76-WA/Mgt-8) (A) **Je 105**
Time, the Staff Professional, and Pareto's Law (76-WA/Mgt-3) (A) **Je 104**
Top Management: What Does It Take to Get There? (NB) **D 73**
Management Philosophy
Incapable People—Unused Technology—Poor Performance (76-Pet-6) (A) **Ja 98**
Management Principles
Advanced Systems Development Management (CB) **S 103**
Managers
How JUNG Classifies Managers **O 28**
Manganese Nodules
Mining Manganese Nodules from the Ocean Floor **Ag 20**
Mangialardi, J. K. Waste Management for Shuttle (77-ENAs-26) (A) **N 98**
Mangone, G. J. *(editor)* Energy Policies of the World: Vol. 1: Canada, China, Arab States of the Persian Gulf, Venezuela, Iran. Vol. 2: Indonesia, the North Sea Countries, the Soviet Union (CB) **Ag 112**
Maninger, R. C. Some Commercial Innovations from Technology Transfers of Federal Research and Development (76-WA/Aero-2) (A) **My 95**
Mann, L. *(author)* Maintenance Management (CB) **S 103**
Mann, R. W. *(recipient)* ASME Medal **D CR-12**; An Electrohydraulic Knee-Torque Controller for a Prosthesis Simulator (76-WA/Bio-10) (A) **Jl 102**
Manned Space Cooperation
NASA, Soviets Agree on Further Manned Space Cooperation (NB) **S 64**
Manned Spacecraft
Wash Water Reclamation Technology for Advanced Manned Spacecraft (77-ENAs-50) (A) **N 100**
Manos, W. P. Progress in Railway Mechanical Engineering (1975–1976 Report of Survey Committee) Cars and Equipment (76-WA/RT-12) (A) **Mr 95**
Mansour, J. M. On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) (A) **F 139**
Mansour, W. M. Modes and Operating Zones of Oscillatory Pumps (76-WA/FE-13) (A) **F 135**
Manufacturer Equipment Data
Simple Techniques to Estimate Noise Levels Based on Manufacturer Equipment Data (76-WA/PID-21) (A) **Je 109**
Manufacturing
ASME Reports to the Nation: Research Required in Design, Materials and Manufacturing **D 20**
Computers in Manufacturing (CB) **O 113**
Promoting Effective Coordination Among Marketing, Engineering and Manufacturing (77-DE-7) (A) **S 89**
Manufacturing Processes
The Effect of Fin Geometry and Manufacturing Process on Ceramic Regenerator Thermodynamic Performance (77-GT-61) (A) **Ag 100**
Manufacturing Research
Activities and Accomplishments of the Task Force on Design, Materials and Manufacturing Research (76-WA/RGPC-3) (A) **Jl 96**
Manufacturing Systems
Group Scheduling Technique for Multiproduct, Mulistage Manufacturing Systems (76-WA/Prod-27) (A) **Jl 99**
Manufacturing Teams
NASA Manufacturing Application Team (NB) **My 65**
Manufacturing Technology
Toward the Understanding of Technology in Society—Part 1: The Basic Pattern **Mr 41**
Margaria, R. *(author)* Biomechanics and Energetics of Muscular Exercise (CB) **N 112**
Margerum, J. D. *(recipient)* Holley Medal **D CR-13**
Marine Aerosols
Applications of a Scattering Spectrometer System for Marine Aerosol Measurements (77-GT-32) (A) **Ag 97**
Real-Time Test Techniques for Sea-Salt Aerosol-Separator Evaluation (77-GT-29) (A) **Jl 95**
Marine Biomass
Energy from Marine Biomass (BTR) **N 57**
Marine Production Risers
Design, Fabrication, and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) (A) **Ja 103**
Hydrodynamic Forces in a Marine Riser: A Velocity-Potential Method (76-Pet-81) (A) **Ja 107**
A Method for Analysis of a Prototype Articulated Multiline Marine Production Riser System (76-Pet-46) (A) **Ja 103**
Marine Propulsion Systems
Electrochemical Energy Conversion—Part 2: Utilities, Marine and Space Applications **Jl 28**
Marine Riser Connectors
Three Dimensional Elastic Stress Analysis of a Marine Riser Connector Assembly (76-Pet-83) (A) **Ja 108**
Marine Riser Design
Fundamentals of Marine Riser Design (76-Pet-84) (A) **Ja 108**
Marine Science
New Career Paths in Engineering: Ocean Energy **Jl 46**
Marine Transmission
Caterpillar Heavy-Duty 1300 hp Deep-Ratio Marine Transmission (77-DGP-2) (A) **D 98**
Market Research Service
Researching East European Markets (NB) **Je 76**
Marketing
Promoting Effective Coordination Among Marketing, Engineering and Manufacturing (77-DE-7) (A) **S 89**
Markham, D. M. A Numerical Solution to the Unsteady Quasi-Three-Dimensional, Turbulent Heat Transfer Problem in an MHD Channel (77-HT-90) (A) **N 105**
Markley, R. A. Heat Transfer Tests of an Electrically Heated 7-Rod Mock-Up of an LMFBR Radial Blanket Assembly (76-WA/HT-80) (A) **Je 116**
Markowski, E. S. Effect of Rod Bowing on CHF in PWR Fuel Assemblies (77-HT-91) (A) **N 105**
Marlowe, D. E. *(recipient)* Honorary Membership **D CR-12**
Maroni, V. A. Thermal Hydraulic and Power Cycle Analysis of Liquid Lithium Blanket Designs (77-HT-84) (A) **N 104**; Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**
Marshall, R. D. Development of a Three-Man Preprototype Independent Air Revitalization Subsystem (IARS) (77-ENAs-31) (A) **N 97**; Development of a Three-Man Preprototype CO Collection Subsystem for Spacecraft Application (77-ENAs-19) (A) **N 96**
Martens, S. W. An Automotive Regulation (C) **Jl 50**
Martin, G. C. Dynamic Simulation of Freight Car and Lading During Impact (77-RT-3) (A) **Ag 106**; Finite Element Track Buckling Model (77-RT-5) (A) **Ag 107**; Planning the Facility for Accelerated Service Testing (77-RT-10) (A) **Ag 107**
Martin, H. F. Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) (A) **Ja 109**
Martinez-Sanchez, M. Effects of Slagging in MHD Generator Ducts (77-HT-59) (A) **O 106**
Marty, C. C. Investigation of Surface Temperature in Electro-Discharge Machining (76-WA/Prod-8) (A) **Jl 97**
Martz, J. W. Application of Modal Testing Techniques to Solve Vibration Problems in Machinery Supporting Structures (77-DE-16) (A) **S 90**
Maruyama, K. Recently Developed Low Carbon Equivalent Heavy Steel Plate with 80 kg/mm Grade High Tensile Strength (76-Pet-61) (A) **Ja 105**
Marx, S. H. The Development of a Repulsive Magnetic Bearing (76-WA/Aut-7) (A) **My 93**
Masri, S. F. Transient Response of a Shear Beam to Correlated Random Boundary Excitation (77-APM-24) (A) **S 96**
Mass
Added Mass and Damping Forces on Circular Cylinders (76-Pet-3) (A) **Ja 98**
Mass Flow
Inexpensive Mass Flowmeter (BTR) **N 57**
Measurements of the Performance of an Air Turbine Stage at Positive and Negative Mass Flow and Rotational Speed (Four-Quadrant Characteristics) (77-GT-14) (A) **Jl 94**
Optimal Mass Flow Rates Through Flat Plate Solar Collector Panels (76-WA/Sol-19) (A) **F 132**
Mass Particles
Response of a String to an Accelerating Mass (76-WA/APM-26) (A) **Jl 104**
Mass Transfer
Transient Heat and Mass Transfer to a Drop in an Electric Field (76-WA/HT-43) (A) **Je 111**
Use of Electrochemical Methods for the Study of Mass Transfer and Drag Reduction in Polymer Solutions Close to a Wall (77-FE-32) (A) **O 111**
Mass Transit
Energy Savings for an Energy Saver (ES) **Ap 20**
Massive Recycling
Massive Recycling (BTR) **O 66**
Matarazzo, J. M. *(author)* Scientific, Engineering, and Medical Societies Publications in Print 1976–1977 (CB) **Ap 107**
Material Failure
Material Failure and Component Design Under Cyclic Loading (77-DE-27) (A) **S 91**
Material Orthotropy
Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) (A) **Mr 100**
Materials
Analysis of Fatigue Fracture of Ball Joint Sockets by Indentation Hardness and Transmission Electron Microscopy (76-WA/Mat-3) (A) **Mr 99**
Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) (A) **Mr 99**
Effects of Surface Hardness and Other Material Properties on Erosive Wear of Metals by Solid Particles (76-WA/Mat-8) (A) **Mr 99**
Erosion of 310 Stainless Steel at 975°C in Combustion Gas Atmospheres (76-WA/Mat-5) (A) **Mr 99**
Erosion of a Tube by Gas-Particle Flow (76-WA/Mat-9) (A) **Mr 99**
Failure of a Welded Blower Fan Assembly (76-WA/Mat-2) (A) **Mr 98**
Fast Burst Reactor Burst Rod Adaptor Failure Analysis (76-WA/Mat-7) (A) **Mr 99**
Materials Handbook (CB) **Ag 112**
Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) (A) **Mr 99**
Particle Erosion Measurements on Metals (76-WA/Mat-1)

(A) **Mr 98**
X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) (A) **Mr 99**
Materials Compatibility
Hazards and Materials Compatibility of Ammonia for Power Plant Applications (77-RC-4) (A) **Ag 108**
Materials Engineering
ASME Reports to the Nation: Research Required in Design, Materials and Manufacturing **D 20**
New Career Paths in Engineering: Applications of Solar Energy **O 50**
New Career Paths in Engineering—Geothermal Energy **N 50**
New Career Paths in Engineering—Materials: The Stuff of Which Things Are Made **Ag 38**
New Career Paths in Engineering: Ocean Engineering **S 42**
New Career Paths in Engineering—Preparing for an Engineering Career **Ap 48**
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**
Materials Handling
Analysis of a Two-Link Fixed-Conveyor System with Multiple Poisson Inputs and Outputs (76-WA/MH-1) (A) **My 90**
Finite Element Analysis of Reclaimer Gantry Cone (76-WA/MH-2) (A) **My 90**
Materials Policy Analysis
Systems Framework for Materials Policy (76-WA/TS-2) (A) **My 88**
Materials Wear
Understanding the Complexity of Wear **Je 86**
Mates, R. E. Estimation of Systemic Arterial Impedance in Man from Cardiac Catheterization Data (76-WA/Bio-6) (A) **Jl 102**
Mathematical Models
An Improved Mathematical Model for Continuous Blenders (76-WA/PID-18) (A) **Je 108**
Mathematical Model of a Triplex Pump (76-Pet-95) (A) **F 138**
Mathes, J. C. *(author)* Designing Technical Reports: Writing for Audiences in Organizations (CB) **F 144**
Mathews, M. K. Radiation Augmented Fires Within Enclosures (77-HT-98) (A) **N 105**
Mathis, D. A. *(author)* Hydrogen Technology for Energy (CB) **Ap 108**
Matrix Steam Generators
Matrix Steam Generator for LMFBR Service (76-JPGC-NE-8) (A) **Ja 112**
Matson, B. G. Training for Technological Standardization in a Geographically Dispersed Organizational Environment (76-Pet-9) (A) **Ja 99**
Matsuki, M. Design and Development of a High-Pressure Combustor for Aero-Gas-Turbines (77-GT-96) (A) **Ag 105**; Status Report of the Turbofan Engine Development Program in Japan (77-GT-102) (A) **Ag 105**
Matsumoto, G. Y. Acoustodynamics of the Longitudinal Colinear Impact of Finite Elastic Cylinders (76-WA/DE-19) (A) **Ap 99**
Matsumoto, M. Experimental Stress Analysis of 24-in. x 12-in. Welding Tee and Comparison with Finite Element Methods (77-PVP-51) (A) **D 105**
Mattas, R. F. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**
Matthew, G. K. Analysis of a Flat Mirror Solar Concentrator (76-WA/HT-11) (A) **My 99**
Mattick, W. *(recipient)* Prime Movers Committee Award **Ja CR-7**
Maxey, W. A. Use of a Brittle Notch DWTT Specimen to Predict Fracture Characteristics of Line Pipe Steels (77-Pet-21) (A) **D 106**
Maxwell, C. D. A Numerical Solution to the Unsteady Quasi-Three-Dimensional, Turbulent Heat Transfer Problem in an MHD Channel (77-HT-90) (A) **N 105**
May, W. B., Jr. Analysis of Thermal Performance of "Solaris" Water-Trickle Solar Collector (76-WA/Sol-21) (A) **F 132**
Mayer, J. T. Fuel Performance in Babcock & Wilcox Pressurized Water Reactors (76-WA/NE-16) (A) **Ap 94**
Mayo, P. J. Philosophy and Practice of Radwaste Packaging and Disposal: A Discussion of the Improved Containerization Alternative (76-JPGC-NE-12) (A) **Ja 113**
Mazzawy, R. S. Flow Field Coupling Between Compression System Components in Asymmetric Flow (77-GT-17) (A) **Jl 94**
Mcalees, D. G. ORNL-EPR Study—Results and Implications (76-WA/NE-10) (A) **Ap 93**
McAssey, E. V. A Survey of Rewetting Following a Postulated LOCA (77-HT-93) (A) **N 105**
McBride, M. W. Refinement of the Mean Streamline Method of Blade Section Design (76-WA/FE-11) (A) **F 135**
McCaffrey, B. J. A Scaling Study of a Corridor Subject to a Room Fire (77-HT-72) (A) **N 102**
McCann, C. R. Combustion of Pulverized Solvent-Refined Coal (76-WA/Fu-6) (A) **Je 102**
McCarthy, D. J. Evaluation of the Practical Aspects of the Use of Coal Derived Synthetic Fuels (76-WA/APC-6) (A) **Ap 103**
McCarty, R. S. Fluidic Fuel Control for a Small Recuperated Gas Turbine Engine (76-WA/Flcs-5) (A) **Ap 101**
McClaskey, B. M. Hydraulic Power Recovery Turbines (76-Pet-65) (A) **Ja 106**
McCormmach, R. *(editor)* Historical Studies in the Physical Sciences (CB) **Ap 107**
McCrank, J. M. Power Generation from Shale Oil Process Off-Gas (76-JPGC-GT-4) (A) **Ja 111**
McCroskey, W. J. *(recipient)* Freeman Scholar Award **Ja CR-7**
McCullagh, J. C. *(editor)* Pedal Power (CB) **N 111**
McCullough, B. R. Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) (A) **My 100**
McDaniel, T. L. Radiochemical Evaluation of Babcock and Wilcox's Commercial Pressurized Water Reactor Fuel Performance (76-WA/NE-19) (A) **Ap 95**; Solution Bounds for Transient Vibration Problems (76-WA/APM-27) (A) **Jl 104**
McDonald C. F. Ammonia Turbomachinery Design Considerations for the Direct Cycle Nuclear Gas Turbine Waste Heat Power Plant (77-GT-75) (A) **Ag 102**; Primary System Design Studies for Advanced Direct Cycle Nuclear Gas Turbine Plant (77-GT-25) (A) **Ag 96**
McDonald, J. F. High-Speed Portable Grinding Safety (77-RC-3) (A) **Ag 108**
McDougal, B. L. Moment Capability of Valves Using Semi-Analytical Finite Element Approach (76-Pet-38) (A) **Ja 102**
McDougall, A. *(author)* Fuel Cells (CB) **Jl 106**
McEwen, E. Elections to Fellow Grade **My 85**
McFarlan, T. W. Nondestructive Testing of Ferromagnetic and Nonferromagnetic Heat Exchanger Tubing from the ID for Wall Thinning and Cracks (76-Pet-36) (A) **Ja 102**
McGrail, D. W. Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (76-WA/APC-1) (A) **Ap 103**
McGuire, W. J. Mechanical and Thermal Stress Analysis at Internal Attachment Welds in Clad Heavy Wall Reactors (76-WA/PVP-15) (A) **Mr 101**
McGurl, G. V. Koppers-Totzek Gasification for Electric Power Generation (76-JPGC-Fu-1) (A) **Ja 111**
McLean, G. D. *(recipient)* Spirit of St. Louis Medal **D CR-13**
McLean, W. G. *(recipient)* ASME Codes & Standards Medal **D CR-12**
McMichael, F. C. Cross-Media Considerations in Regulatory Policy for Utilization Systems (77-Pet-4) (A) **N 108**
McMinn, D. R. A Continuous Shipboard Laundry Wastewater Treatment and Recycling System (77-ENAs-40) (A) **N 99**
McMinn, M. H. Service Experience of High Strength Cast 17-4PH Gas Compressor Impellers in Corrosive Environments (76-Pet-27) (A) **Ja 101**
McMurrin, J. C. Performance Measurements of a Cylindrical Glass Honeycomb Solar Collector Compared with Predictions (76-WA/Sol-3) (A) **F 131**
Meador, R. *(editor)* Perspectives in the Energy Crisis: Technical, Regulatory, Environmental, Economic, Prospective. Vol. 1 (CB) **S 103**; *(author)* Technology and Human Values: Collision and Solution (CB) **N 112**
Meadows, R., Jr. Mining Manganese Nodules from the Ocean Floor **Ag 20**
Meakin, J. D. D. Coolness Storage in a Sodium Sulfate Decahydrate Mixture (76-WA/HT-35) (A) **Je 111**
Mean Streamline Method
Refinement of the Mean Streamline Method of Blade Section Design (76-WA/FE-11) (A) **F 135**
Measurement Processes
Supersensitive Micrometer Measurement (IF) **Jl 62**
Mecham, D. C. Effects of Modeling Variations on RELAP4 Preditions of Standard Problem Five (76-WA/HT-52) (A) **Je 113**
Mechanical Design
ASME's New Journal of Mechanical Design **O 93**
The Reliability of Probabilistic Mechanical Design (76-WA/DE-7) (A) **Mr 104**
Mechanical Design Parameters
"IRIS," A Computerized High Head Pump Turbine Design System (76-WA/FE-12) (A) **F 135**
Mechanical Drafting
Detailing a New Diesel Engine Design Using a Three-Dimensional Interactive Graphic System (76-WA/DGP-2) (A) **Ap 100**
Mechanical Drive Turbines
Thermal Performance and Reliability Requirements of 5000 Hp to 15,000 Hp High Speed Mechanical Drive Turbines (76-Pet-4) (A) **Ja 98**
Mechanical Engineering
Engineering Manual: A Practical Reference of Design Methods and Data in Building Systems, Chemical, Civil, Electrical, Mechanical, and Environmental Engineering and Energy Conversion (CB) **Mr 108**
Mechanical Engineers
A Survey of Fluid Mechanics Education of Mechanical Engineers (77-FE-11) (A) **S 100**
UPADI Conference Slated for Chile (NR) **S 62**
Mechanical Integrity
Insuring Mechanical Integrity of Plastic Enclosures (77-DE-13) (A) **S 89**
Mechanical Power Transmission
Power Transmission Market (IF) **S 57**
Mechanical Refrigeration
Food and Medical Sample Freezer Kit Concept for Shuttle (77-ENAs-23) (A) **N 97**
Mechanical Stress Analysis
Mechanical and Thermal Stress Analysis at Internal Attachment Welds in Clad Heavy Wall Reactors (76-WA/PVP-15) (A) **Mr 101**
Mechanical Systems
The Critical Excitation of Nonlinear Systems (77-APM-18) (A) **S 96**
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) (A) **Ap 96**
Mechanical Design Optimization for Transient Dynamic Response (76-WA/DE-27) (A) **Mr 105**
Mechanics
Vibrational Analysis of Mechanics Using Constant Length Finite Elements (76-WA/DE-21) (A) **Ap 99**
Mechanisms
Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) (A) **Ap 96**
Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) (A) **Ap 96**
The Use of a Random Algorithm for Dynamic Optimization of Mechanisms (76-WA/DE-22) (A) **Ap 99**
The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) (A) **Ap 99**
Medical Equipment
U.S. Army Field Medical Equipment Developments for Cold Region Operations (77-ENAs-56) (A) **N 100**
Medical Societies Publications
Scientific, Engineering, and Medical Societies Publications in Print 1976–1977 (CB) **Ap 107**
Medicine
Los Angeles Hosts Engineering In Medicine and Biology (NR) **O 76**
Medieval Machines
The Medieval Machine—The Industrial Revolution of the Middle Ages (CB) **My 103**
Medium Purity Oxygen
The Potential of Medium Purity Oxygen in Energy Conservation (76-WA/PID-7) (A) **Je 107**
Medium-Speed Diesels
The Application of Medium-Speed Diesel Engines to Sub-Zero Ambient Temperature (77-DGP-19) (A) **D 100**
On the Development of Medium-Speed Diesels for Economical Power Generation (77-DGP-15) (A) **D 100**
Medvedev, R. V. Boreholes' Stability and Its Prognosis in Ledge Rock Masses (76-Pet-58) (A) **Ja 105**
Mejer, E. Exhaust-Gas Turbochargers and Systems for High Pressure Charging (77-DGP-12) (A) **D 99**
Mellan, I. *(author)* Corrosion Resistant Materials Hand-

book (CB) **Ap 107**

Melting
Heat Transfer in Soils with Freezing and Melting of Moisture (76-WA/HT-22) (A) **My 100**
Study of Heat Transfer and Melting Front from a Cylinder Imbedded in a Phase Change Material (77-HT-42) (A) **O 104**

Melting Surfaces
Heat Transfer Through a Freezing or Melting Surface (76-WA/HT-55) (A) **Je 113**

Membership Development Committee
MDC: What Is It? Who Cares? (PS) **D 79**

Membrane Filtration
Renovation of Waste Shower Water by Membrane Filtration (77-ENAs-60) (A) **N 101**

Merchant Ships
Evaluation of a Fuel Assembly for a Nuclear Merchant Ship (76-WA/NE-18) (A) **Ap 94**

Mercury
Experimental Study on Bubble Motion in Mercury With and Without Magnetic Field (76-WA/HT-65) (A) **Je 114**

Meroney, R. The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) (A) **S 94**

Merrill, C. D. Seals for Valve Stems and Wellheads in High Pressure-High Temperature Service (76-Pet-5) (A) **Ja 98**

Metal Cutting
On the Wedge Indentation and its Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) (A) **Jl 98**

Metal Disks
Assessment of Deep-Drawability and Stretchability by Bulge Test of Concentrically Grooved Metal Disks (76-WA/Prod-14) (A) **Jl 98**

Metal Erosion
Aerothermochemistry of Metal Erosion by Hot Reactive Gases (77-HT-12) (A) **O 101**

Metal Fatigue
Fracture Mechanics Fatigue Design **Je 40**

Metal Forming
Metal Forming: Tool Profiles and Flow (CB) **Jl 107**
Workpiece Surface Roughening in a Hydrodynamically Lubricated Metal Forming Process (76-Lub-15) (A) **F 141**

Metal-Forming Dies
Optimum Design of Ribbon and Wire Wound Cylinders for Metal Forming Dies (76-WA/Prod-28) (A) **Jl 99**

Metal-Forming Processes
On the Solution of Three-Dimensional Metal-Forming Processes (76-WA/Prod-17) (A) **Jl 98**

Metals
Effects of Surface Hardness and Other Material Properties on Erosive Wear of Metals by Solid Particles (76-WA/Mat-8) (A) **Mr 99**
The Frictional Mechanism on the Surface of Metal Being Plastically Deformed by Drawing (76-WA/Prod-22) (A) **Jl 98**
Metals with "Memories" (BTR) **Mr 58**
More Metal and Minerals (ES) **Mr 23**
Particle Erosion Measurements on Metals (76-WA/Mat-1) (A) **Mr 98**
Uniaxial Creep Behavior of Metals Under Cyclic Temperature and Stress or Strain Variations (76-WA/APM-6) (A) **Je 109**

Metals Technology
Advances in Secondary Metals Technology (C) **Jl 57**

Metalworking Production Processes
An Analysis for Plane Strain Plastic Deformation in Metal-Working Process (76-WA/Prod-16) (A) **Jl 98**
New Milling/Drilling Unit Head (IF) O 733

Meteorological Anomalies
Wanton Weather Patterns (NB) **O 79**

Meteorology
World Weather Warning (BTR) **Ja 62**

Meter-Kilogram-Second System
The Weight/Mass Controversy **S 40**

Metering Accuracy
Fluid Delivery and Metering for Reaction-Injection Molding (76-WA/PID-19) (A) **Je 108**

Metering Orifices
An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) (A) **Je 1053**

Methanol Furnace
Radiation from a Methanol Furnace (77-HT-14) (A) **O 101**

Methodologies
An Assessment of Methodologies for Estimating National Energy Efficiency (76-WA/TS-4) (A) **My 88**

Metric Conversion
Legislative Insight Into "The Metric Conversion Act" (76-WA/TS-14) (A) **My 90**

Metric Program
ASME Superheads New Metric Program **Ap 84**

Metric System
Eye on SI (C) **Mr 50**
Meandering Toward Metrics (C) **D 55**
Metric Suggestion (C) **Mr 51**
No Worse Force Choice (C) **My 49**

Metrication
A Learning Program for Engineering and Scientific Professionals in the Oil and Gas Industry Concerning Metrication and SI Units (76-Pet-10) (A) **Ja 99**
Managing Metrication in Business and Industry (CB) **Ja 115**

Metrorail
A New Light Rail System (NB) **Ag 67**

Mettig, H. On the Development of Medium-Speed Diesels for Economical Power Generation (77-DGP-15) (A) **D 100**

Metzger, D. E. Heat Transfer Between an Impinging Jet and a Rotating Disk (76-WA/HT-2) (A) **My 97**

Meyer, C. W. Seals for Valve Stems and Wellheads in High Pressure-High Temperature Service (76-Pet-5) (A) **Ja 98**

Meyer, R. A. Analysis of Sodium/Water Reactions in a Steam Generator Loop of the Clinch River Breeder Reactor Plant (76-JPGC-NE-11) (A) **Ja 113**

Michael, G. J. Estimation and Control of Critical Gas Turbine Engine Variables (76-WA/Aut-12) (A) **My 93**

Microelectronic Thin Film Technology
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) (A) **Je 104**

Microfiche
A Great Fiche Story (BTR) **Mr 54**

Microfiltration
Removal of Suspended and Colloidal Solids from Waste Streams by the Use of Cross-Flow Microfiltration (77-ENAs-51) (A) **N 100**

Micrometer Spindle
Supersensitive Micrometer Measurement (IF) **Jl 62**

Microorganisms
Remote Water-Monitoring System (BTR) **Je 61**

Micropolar Fluid Theory
A Microcontinuum Theory for the Elastohydrodynamic Inlet Zone (76-Lub-19) (A) **F 141**

Microprocessor Control
Microprocessor Control Benefits in Olefins Plant Design (76-Pet-63) (A) **Ja 105**

Microprocessors
A Design Study of a Simple Conversational Language System (76-WA/Aut-11) (A) **My 93**
Micro "Brain" with Macro Capability (BTR) **Je 56**

Mihalek, E. W. Applications of Scattering Spectrometer System for Marine Aerosol Measurement (77-GT-32) (A) **Ag 97**; Real-Time Test Techniques for Sea-Salt Aerosol-Separator Evaluation (77–29) (A) **Jl 95**

Mikesell, C. R. Automated Ultrasonic Testing—Capabilities, Limitations, and Methods (77-PVP-16) (A) **N 106**

Mikielewicz, J. A Method for Correlating the Characteristics of Centrifugal Pumps in Two-Phase Flow (76-WA/FE-29) (A) **F 137**

Military Installations
Design of an Optimal Total Energy System for a Large Military Installation (76-WA/HT-46) (A) **Je 112**

Millar, D. J. Rotary Drilling Bits 1976 (76-Pet-93) (A) **Ja 108**

Miller, D. B. *(author)* Personal Vitality (CB) **S 102**

Miller, D. E. *(recipient)* Sylvia W. Farny Scholarship **N 91**

Miller, Earle C. ASME Helps Define U.S. Energy Policy (Ed) **My 21**; Engineers for ERDA (Ed) **Mr 21**; Minorities and Women in Engineering: How Can We Help? (Ed) **Ja 17**; New ASME Stands Formulated (Ed) **F 29**; A Proving Ground (Ed) **Ap 19**; A Sensible Approach to a Sound Energy Policy **Ap 44**; The Year in Review (Ed) **Je 23**

Miller, G. E. Federal Technology Transfer to Local Government—The Impossible Isn't (76-WA/Aero-4) (A) **My 96**

Milling
Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) (A) **Jl 100**
Tool Wear in the Peripheral Milling of a Low Carbon Steel (76-WA/Prod-35) (A) **Jl 100**

Milling/Drilling Unit Head
New Milling/Drilling Unit Head (IF) **O 73**

Mills, F. E. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**

Milner, D. A. The Use of Linear Programming for Machinability Data Optimization (76-WA/Prod-5) (A) **Jl 96**

Milora, S. L. *(author)* Geothermal Energy as a Source of Electric Power: Thermodynamic and Economic Design Criteria (CB) **Ap 108**

Milton, J. L. On the Effect of the Circuit Boards' Thermal Conductivity in the Thermal Performance of a Circuit Package Employing a Dip Device (76-WA/HT-39) (A) **Je 111**

Minati, K. F. The Evolution of a Cryogenic Enclosure for a Superconducting Power Transmission Cable (77-HT-75) (A) **N 103**

Mindlin, R. D. *(recipient)* ASME Medal **Ja CR-6**

Mine Rescue Operations
A Portable Personal Cooling System for Mine Rescue Operations (77-ENAs-53) (A) **N 100**
"Superdrill" for Mine Rescue (BTR) **D 56**

Mineral Research
HEW to Support New Mineral Research Program at NU (EN) **N 77**

Minerals
More Metal and Minerals (ES) **Mr 23**

Minh, H. V. Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) (A) **Jl 98**

Minicomputers
A Dedicated Mini-Computer Based Monitoring System for Turbomachinery Protection and Analysis (76-Pet-13) (A) **Ja 99**
An Engineering Approach to Minicomputer Selection (76-Pet-24) (A) **Ja 100**
Experiences with a Minicomputer-Based Machinery Monitoring System (76-Pet-11) (A) **Ja 99**

Mining
Mining Manganese Nodules from the Ocean Floor **Ag 20**

Minimum Mass Design
A Simple Technique for the Minimum Mass Design of Continuous Structural Members (77-APM-27) (A) **S 97**

Minorities
President's Page Reactions (C) **My 49**

Minority Engineering Research
Retention of Women and Blacks a Major Problem in Recruitment (EN) **Ap 72**

Minority Engineers
Minorities and Women in Engineering: How Can We Help? (Ed) **Ja 17**

Minority Students
On ASME's Purpose (c) **O 57**

Minushkin, B. Heat Transfer Tests of an Electrically Heated 7-Rod Mock-Up of an LMFBR Radial Blanket Assembly (76-WA/HT-80) (A) **Je 116**

Mirror Facets
Power Tower Tune-Up (BTR) **O 69**

Misra, B. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**

Misra, S. Thermal Hydraulic and Power Cycle Analysis of Liquid Lithium Blanket Designs (77-HT-84) (A) **N 104**

Missiles
COGOG Propulsion Installations in Guided Missile and Standard Class Frigates of the Royal Netherlands Navy: (A review of the development from the specific design philosophies to the actual technical, personnel and maintenance/logistic management in service) (77-GT-68) (A) **Ag 101**
Propulsion Gearing Transmission Systems for Guided Missile and Standard Frigates rage of the Royal Netherlands Navy (77-GT-67) (A) **Ag 101**

Mitchell, R. F. A Mechanical Model for Permafrost Thaw-Subsidence (76-Pet-54) (A) **Ja 104**

Mixed Convection
Analysis of Mixed Convection Across a Horizontal Cylinder with Uniform Surface Heat Flux (77-HT-45) (A) **O 105**

Mixed Methods
A Mixed Method in Elasticity (76-WA/APM-30) (A) **Jl 104**

Mixed Mode Crack Problem
Strain Energy Release Rate for Mixed Mode Crack Problem (76-WA/PVP-7) (A) **Mr 100**
Mixing Length
The Interrelationship Between Eddy Viscosity, Mixing Length, Entrainment and Width Growth Models in Turbulent Flows (77-FE-20) (A) **O 110**
Mixing Processes
An Analysis of a Two-Stream Gravity-Feed Mixing Process (77-DE-44) (A) **S 93**
Miyazawa, K. Status Report of the Turbofan Engine Development Program in Japan (77-GT-102) (A) **Ag 105**
Mizumachi, N. A Study of an Advanced Automotive Radial Turbine—A Design Procedure Considering Rotor Loss Distributions and Exit Flow Patterns (77-GT-6) (A) **Jl 92**
Mlakar, P. F. Vibratory Identification of Beam Boundary Conditions (76-WA/Aut-1) (A) **My 92**
Mobile Offshore Production & Storage
Mobile Offshore Production and Storage System (IF) **Mr 69**
Mock Circulation
A Model of a Sac-Type Artificial Ventricle in Mock Circulation (76-WA/Bio-7) (A) **Jl 102**
Modak, A. T. Radiation Augmented Fires Within Enclosures (77-HT-98) (A) **N 105**
Modal Testing Techniques
Application of Modal Testing Techniques to Solve Vibration Problems in Machinery Supporting Structures (77-DE-16) (A) **S 90**
Model Lung Alveolus
Air Mixing in a Model Lung Alveolus (77-Bio-4) (A) **S 98**
Modeling Variations
Effects of Modeling Variations of RELAP4 Predictions of Standard Problem Five (76-WA/HT-52) (A) **Je 113**
Modell, M. Reforming of Glucose and Wood at the Critical Conditions of Water (77-ENAs-2) (A) **O 108**
Modelling
Theory of Modelling and Simulation (CB) **Ap 107**
Modest, M. F. Determination of Three-Dimensional Radiative Exchange Factors for the Space Shuttle by Monte Carlo (77-HT-49) (A) **O 105**
Modular Heat Pipe Radiator
Modular Heat Pipe Radiator (77-ENAs-39) (A) **N 99**
Modular Industrial Turbines
FT4E-The Optimization of a Proven Modular Industrial Gas Turbine (77-GT-23) (A) **Jl 94**
Moeller, T. L. The Stability of a Spinning Elastic Disk With a Transverse Load System (76-WA/APM-1) (A) **Je 109**
Moenich, J. S. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**
Moes, H. Journal Bearing Impedance Descriptions of Rotordynamic Applications (76-Lub-24) (A) **F 142**
Mohammed, K. P. Investigations on Axial Flow Fan Impellers With Forward Blades (77-FE-1) (A) **S 99**
Mohana Kumar, T. C. Influence of Volute Surface Roughness on the Performance of a Centrifugal Pump (77-FE-8) (A) **S 100**; Quasi-Two-Dimensional Analysis of a Flow Through a Centrifugal Pump Impeller (77-FE-29) (A) **O 110**; Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) (A) **S 99**
Mohler, E. F., Jr. Assessment of the Ambient Air Impact of Multiple Stack Industrial Plants Using Dispersion Modeling (76-Pet-70) (A) **Ja 106**
Moisture Migration
Effect of Moisture Migration on the Temperature of a Direct-Buried Cylindrical Heat Source (76-WA/HT-50) (A) **Je 113**
Molburg, J. C. Cross-Media Considerations in Regulatory Policy for Utilization Systems (77-Pet-4) (A) **N 108**
Molecular-Gas Filled Enclosures
Radiation Heat Transfer in Molecular-Gas Filled Enclosures (77-HT-16) (A) **O 101**
Molecules
Observation of Single Small Molecules (BTR) **Mr 58**
Molten-Salt Breeder Reactors
Thermal-Hydraulic Design of a Supercritical, Once-Through Steam Generator for the Molten-Salt Breeder Reactor Plant (76-JPGC-NE-9) (A) **Ja 113**
Molten Salt Solar Cavity
The Temperature Distribution Along an Absorbing-Emitting Fluid Layer Flowing over an Opaque Substrate (76-WA/Sol-5) (A) **F 131**
Molten Steel
New Line of Low-Sulfur Steels (BTR) **O 60**
Mondt, J. R. Effects of Nonuniform Passages on Deepfold Heat Exchanger Performance (76-WA/HT-32) (A) **Je 111**
Monitoring
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**
Monitoring Systems
A Data Acquisition, Performance Evaluation and Monitoring System for Solar Heated/Cooled Residential Dwellings (76-WA/Sol-13) (A) **Mr 102**
A Dedicated Mini-Computer Based Monitoring System for Turbomachinery Protection and Analysis (76-Pet-13) (A) **Ja 99**
Experiences with a Minicomputer-Based Machinery Monitoring System (76-Pet-11) (A) **Ja 99**
Monochromatic Intensity Measurements
Radiation from a Methanol Furnace (77-HT-14) (A) **O 101**
Monolithic Catalysts
Emissions and Performance of Catalysts for Gas Turbine Catalytic Combustors (77-GT-65) (A) **Ag 100**
Montanarelli, N. A Prime Example of Federal Technology Transfer in the Area of Law Enforcement (76-WA/Aero-5) (A) **My 96**
Montgomery, C. R. Radwaste Treatment Study for a Once-Through Steam Generator Cleaning Solution (76-WA/NE-6) (A) **Ap 92**
Moon Soil
Soil from the "Sea of Crises" (BTR) **Je 60**
Moore, E. F. Dynamic Response Approximation for Non-circular Fluid Lines (76-WA/Flcs-2) (A) **Ap 101**
Moore, E. K. Development of a Lightweight Long-Life Heat Exchanger (77-ENAs-29) (A) **N 97**
Moore, G. F. Empirical Correlation of Coal Ash Viscosity with Ash Chemical Composition (76-WA/Fu-3) (A) **Je 102**
Moore, R. A. Dynamic Testing of a Redundant Reeving Hoist (76-WA/DE-6) (A) **Mr 104**
Moore, S. E. Experimental Stress Analysis for Four 24-in ANSI Standard B 16.9 Tees (77-PVP-4) (A) **N 106**
Moran, T. H. Workhorse of a Nation (C) **Ja 55**
Morel, T. Design of Two-Dimensional Wind Tunnel Contractions (76-WA/FE-4) (A) **F 134**
Morella, N. A. A Method of Field Testing and Data Reduction to Determine Forces Acting on a Freight Car in Revenue Service (76-WA/RT-9) (A) **Mr 95**
Moretti, A. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**
Mori, Y. The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) (A) **Je 114**; Experimental Study on Bubble Nucleation in the Oscillating Pressure Field (77-HT-22) (A) **O 102**; Experimental Study on Bubble Motion in Mercury With and Without Magnetic Field (76-WA/HT-65) (A) **Je 114**; Heat Transfer from a Horizontal Plate Facing Upwards to Superposed Liquid-Layers With Change of Phase (76-WA/HT-1) (A) **My 97**
Moriarty, K. J. EBR-II Ten Years Later **Ja 33**
Morihara, H. Thermal Testing of High Performance Cryogenic Envelope for Superconducting Power Cable (76-WA/PID-10) (A) **Je 107**
Morresi, A. C. *(author)* Energy from Solid Wastes (CB) **F 144**
Morris, W. T. *(author)* Engineering Economic Analysis (CB) **Mr 107**
Morrison, C. A. A Self-Contained Solar Powered Tracking Device (76-WA/HT-26) (A) **Je 110**
Morrison, F. A., Jr. Flow Through Porous Media From a Nuclear Cavity (77-FE-23) (A) **O 110**; Low Knudsen Number Creeping Motion of Two Touching Spheres (76-WA/APM-28) (A) **Jl 104**; Small Bubble Motion in an Accelerating Liquid (76-WA/APM-5) (A) **Je 109**; Transient Heat and Mass Transfer to a Drop in an Electric Field (76-WA/HT-43) (A) **Je 111**
Morrow, L. C. *(editor-dec'd)* Maintenance Engineering Handbook (CB) **S 103**
Moser, T. D. Design Considerations of Figures: Finite Element Interactive Graphics User Routines (77-DE-34) (A) **S 92**
Moses, H. I. The V.P.I. Gas Turbine and Turbomachinery Research Laboratory (77-GT-73) (A) **Ag 102**
Moskowitz, I. The Design of Nondestructive Testing Equipment for Industrial Plants of Today and Tomorrow (77-DE-8) (A) **S 89**
Moslehy, F. A. H. Stress Relaxation of a Thick-Walled Tube Shrunk Inside a Rigid Sheet (77-DE-42) (A) **S 93**
Moss Covered Surfaces
The Ground Temperature Boundary Condition Provided by a Moss Covered Surface (76-WA/HT-61) (A) **Je 114**
Moss, M. A. Association Recommendation (C) **Mr 51**
Motion Equations
The Sliding Sill Underframe in Impact Situations (76-WA/RT-13) (A) **Mr 96**
Motion Pictures
Pinhole Photo of Nuclear Core (BTR) **F 59**
Motor Insulation Techniques
New Motor Insulation Technique (IF) **Je 64**
Motor Oil
Gasoline-Saving Motor Oil (BTR) **D 61**
Moving Walls
Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) (A) **F 139**
Mow, V. C. On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) (A) **F 139**
Moy, H. C. Experimental Evaluation of Water Surface Heat Exchange (77-HT-41) (A) **O 104**
Mozer, C. J. Thermal Analysis Techniques for Regenerative Heat Exchanger Simulation (76-WA/HT-7) (A) **My 98**
Mucoglu, A. Analysis of Mixed Convection Across a Horizontal Cylinder with Uniform Surface Heat Flux (77-HT-45) (A) **O 105**
Mueller, K. H. Optimized Expander Process in Operation in LNG Peakshaving Plant (76-WA/PID-9) (A) **Je 107**
Mueller, W. K. Homogeneous Nucleation in Multi-Component Liquid Mixtures (77-HT-21) (A) **O 102**
Muench, R. A. The Prediction of Pump Differential Pressure for Two Phase/Two Component Compressible Flow (76-WA/HT-75) (A) **Je 116**
Multi-Component Mixtures
Working with Multi-Component Mixtures (77-Pet-15) (A) **D 106**
Multifuel Boilers
The Multifuel Boiler (ES) **My 23**
Multi-Inversion
Analysis of Multi-Inversion of Tube Ends (77-DE-35) (A) **S 92**
Multiline Production Riser
An Articulated Multiline Production Riser for Deepwater Application (76-Pet-44) (A) **Ja 103**
A Method for Analysis of a Prototype Articulated Multiline Marine Production Riser System (76-Pet-46) (A) **Ja 103**
Multiloop Planar Mechanisms
Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) (A) **Ap 96**
Multi-Pass Operations
Optimization of Cutting Conditions for Multi-Pass Operations Considering Probablistic Nature in Machining Processes (76-WA/Prod-4) (A) **Jl 96**
Multiple-Injury Tool-Life Models
Tool-Life Distributions—Part 2: Multiple-Injury Tool-Life Model (76-WA/Prod-37) (A) **Jl 100**
Multiple Noise Sources
Evaluation of Multiple Noise Sources in a Large Room (76-WA/PID-20) (A) **Je 108**
Multiple-Port Thermal Discharges
An Analysis of Deep Submerged Multiple-Port Buoyant Discharges (76-WA/HT-19) (A) **My 100**
Multiport System Models
The Gyrobondgraph: A Canonical Form for Multiport System Models (76-WA/Aut-6) (A) **My 92**
Multistack Sources
Assessment of the Ambient Air Impact of Multiple Stack Industrial Plants Using Dispersion Modeling (76-Pet-70) (A) **Ja 106**
Multistage Turbo-Expander
Improved Cryogenic Processing—(Application of Multistage Turbo-Expander Design to Cryogenic Processes) (76-WA/PID-12) (A) **Je 107**
Mumford, S. E. A Potential Low NOx Emission Combustor for Gas Turbines Using the Concept of Hybrid Combustion (77-GT-15) (A) **Ag 96**
Mumma, S. A. Thermal Performance of Paraffin Phase Change Materials Dispersed in a Concrete Mortar Filler Matrix(76-WA/HT-33) (A) **Je 110**
Municipal Solid Waste
Massive Recycling (BTR) **O 66**
A Solid Waste Package Deal-Energy and Materials from

Garbage **D 24**

Munitions Incineration

Aqueous Solution Scrubbing for NOx Control in Munitions Incineration (76-WA/Fu-9) (A) **Je 103**

Munro, M. Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) (A) **S 97**

Mura, T. Fracture Analysis of Adhesively Bonded Sheets (76-WA/APM-12) (A) **JI 103**

Murch, L. E. The Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 1: Nonvibratory Feeding Systems (76-WA/Prod-38) (A) **JI 101**; Part 2: Vibratory-Bowl Feeding Systems (76-WA/Prod-39) (A) **JI 101**

Murdock, J. W. An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) (A) **Je 105**

Murotsu, Y. Optimization of Cutting Conditions for Multi-Pass Operations Considering Probablistic Nature in Machining Processes (76-WA/Prod-4) (A) **JI 96**

Murphey, C. E. Collapse of Worn Casing (76-Pet-51) (A) **Ja 104**

Murphree, D. L. A MHD Simulation Test Facility for Investigating the Thermal Properties of a Slag/Seed Coated Radiant Boiler and Superheater for a 2000-MWt MHD Power Plant (77-HT-64) (A) **N 101**

Murphy, A. H. P.E. Perspectives (C) **N 54**

Murphy, E. F. Elections to Fellow Grade **My 85**

Murphy, G. L. Space Construction Base Support Requirements for Environmental Control and Life Support Systems (77-ENAs-44) (A) **N 99**

Murphy, L. M. Correction (C) **Ja 55**

Murray, R. W. Waste Management for Shuttle (77-ENAs-26) (A) **N 98**

Murry, L. D. Stingray Pipeline Automated Measurement and Control System (77-GT-91) (A) **Ag 104**

Murty, K. N. Laminar Film Condensation-Combined Effect of Magnetic Field and Variable Gravity (77-HT-25) (A) **O 102**

Muscular Exercise

Biomechanics and Energetics of Muscular Exercise (CB) **N 112**

Musculoskeletal Joint Systems

Graphical Interpretation of the Solution to the Redundant Problem in Biomechanics (77-Bio-1) (A) **S 98**

Musgrave, D. S. A Method of Calculating the Slip Factor of Centrifugal Compressors from Deviation Angle (77-GT-64) (A) **Ag 101**

Mussulman, R. L. Analysis of a New Concept for a High Temperature Direct Coal-Fired Falling Particle Air Pre-Heater for MHD Power Generation (77-HT-60) (A) **O 106**; Effect of an Elevated Pipeline on Ground Temperature (76-WA/HT-56) (A) **Je 113**

Muzio, L. J. Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) (A) **Je 103**

Myers, G. J. *(author)* Software Reliability: Principles and Practices (CB) **My 103**

Mylar Substrates

Development of Large Fiberglass Reinforced Plastic Dewars for Superconducting Magnets at 4 K (76-WA/PID-11) (A) **Je 107**

N

Na, T. Y. Prediction of Yield in Ductile Materials Operating at Creep Temperatures (76-WA/GT-11) (A) **Mr 98**

Nagao, M. X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) (A) **Mr 99**

Nagaraj, H. S. Effects of Load, Speed and Surface Roughness on Sliding EHD Contact Temperatures (76-Lub-23) (A) **F 141**

Nagarajan, R. Influence of Flank Wear on the Stresses in a Cutting Tool (76-WA/Prod-30) (A) **JI 100**

Nagpal, V. Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) (A) **JI 99**; On the Solution of Three-Dimensional Metal-Forming Processes (76-WA/Prod-17) (A) **JI 98**

Nail, J. B. A MHD Simulation Test Facility for Investigating the Thermal Properties of a Slag/Seed Coated Radiant Boiler and Superheater for a 2000-MWt MHD Power Plant (77-HT-64) (A) **N 101**

Nakagawa, N. Reliability of a High Speed Rotating Machine Subjected to Earthquake Excitation (77-DET-12) (A) **D 102**

Nakamura, N. An Optimization Analysis of Machining Center (76-WA/Prod-34) (A) **JI 100**

Nakamura, T. The Frictional Mechanism on the Surface of Metal Being Plastically Deformed by Drawing (76-WA/Prod-22) (A) **JI 98**

Nakanishi, K. Development of the Centrifugal Compressor for the Nissan Vehicular Gas Turbine (77-GT-100) (A) **Ag 105**

Nakayama, T. Deformation of Polymers During Hydrostatic Extrusion (77-PVP-39) (A) **D 103**

Narkus-Kramer, M. An Assessment of Methodologies for Estimating National Energy Efficiency (76-WA/TS-4) (A) **My 88**

Narrow-Gap Welding System

Narrow-Gap Welding Process (BTR) **O 62**

Nash, D. O. Structural and Cooling Aspects of the Aden Nonaxisymmetric Exhaust Nozzle (77-GT-110) (A) **Ag 106**

Nassipour, F. Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-WA/Prod-9) (A) **JI 97**

Nataraja, R. Deterministic and Random Wave Forces on Gravity Type Offshore Platforms (76-WA/FE-24) (A) **F 136**; Wave Excited Oscillations of a Gravity Platform (76-Pet-33) (A) **Ja 102**

National Aeronautics & Space Administration

"Spaced-Out" Experiment Planned (NR) **Ja 72**

National Air and Space Museum

On Your Next Visit to Washington. . . (NR) **O 76**

National Bureau of Standards

Hourly Solar Data (BTR) **S 53**

Inventors Welcome (ES) **N 21**

Seventh Symposium on Thermophysical Properties, preview (NR) **Ap 68**

Symposium Spurs Heated Discussions on Thermophysical Properties (NR) **S 61**

Voluntary Standards Attacked (Again) (NR) **Je 66**

National Energy Efficiency

An Assessment of Methodologies for Estimating National Energy Efficiency (76-WA/TS-4) (A) **My 88**

National Energy Policy

ASME Responds to National Energy Policy (ES) **Je 24**

Conservation: Cornerstone of a National Energy Policy (BTR) **Mr 55**

Energy Policies of the World: Vol. 1. Canada, China, Arab States of the Persian Gulf, Venezuela, Iran. Vol. 2. Indonesia, the North Sea Countries, the Soviet Union (CB) **Ag 112**

The Energy Syndrome: Comparing National Responses to the Energy Crisis (CB) **N 111**

Strenuous Objection (C) **Ag 42**

National Energy Watch

What's New? (ES) **O 26**

National Environmental Policy Act

The Environmental Impact Statement Expectations and Results (77-RC-2) (A) **Ag 108**

National Fire Codes

National Fire Codes: A Compilation of NFPA Codes, Standards, Recommended Practices, and Manuals (CB) **Je 118**

National Nominating Committee

Have You Helped Select ASME's New Officers Yet **F 124**

National Nominations

National Nominations—Speak for Your Candidate! **My 80**

National Research Council

NRC Says EPA Needs Help (ES) **My 22**

National Research Goals

A Professional Society's Contribution to National Research Goals and Priorities Planning (76-WA/RGPC-1) (A) **JI 95**

National Science Foundation

NSF Grant (EN) **O 81**

National Small Business Association

NSB to Participate in Developing Voluntary Standards (NB) **D 73**

National Society of Professional Engineers

1976 Outstanding Engineering Achievements (NR) **Je 74**

Engineers' Pay Lags (NR) F 75

Program Set for Engineers Week (NR) **N 74**

Natural Convection

Constant Heating Transient Natural Convection in Partially Insulated Vertical Enclosures (77-HT-35) (A) **O 103**

Convection in Porous Medium Heated from Below: The Effect of Temperature Dependent Viscosity and Thermal Expansion Coefficient (77-HT-56) (A) **O 106**

Natural Convection Heat Transfer Models for Downhole Heat Exchanger Applications in Shallow Geothermal Systems (77-HT-55) (A) **O 106**

Optimum Natural Convection Cooling of Electronic Assemblies (77-DE-37) (A) **S 92**

Natural Draft Cooling Towers

Study of Off Gas Release Through a Natural Draft Cooling Tower (76-WA/NE-8) (A) **Ap 92**

Natural Frequencies

Experimental Data on the Natural Frequency of a Tubular Array (77-FE-10) (A) **S 100**

Natural Gas

Liquefied Natural Gas Imports: The Potential for Additional Sources of Natural Gas for Electric Power Generation (76-JPGC-Fu-3) (A) **Ja 111**

The Use of Liquid Natural Gas as Heat Sink for Power Cycles (77-GT-19) (A) **JI 94**

The Use of Low-Energy Gas in the Petroleum Refining Industry (76-Pet-23) (A) **Ja 101**

Natural Gas Pipeline Leaks

K-9 Detector (BTR) **N 55**

Natural Gas Pipelines

Experience with Gas/Stream Combined Cycle Turbines on a Natural Gas Pipeline (77-GT-8) (A) **JI 92**

Natural Frequencies

Sensitivity of Torsional Natural Frequencies (76-WA/DE-18) (A) **Ap 99**

Natural Lubrication

On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) (A) **F 139**

Natural Resting Apsects

Natural Resting Apsects of Parts for Automatic Handling (76-WA/Prod-40) (A) **JI 101**

Natural Rubber

Where Has All the Rubber Gone? (NR) **My 65**

Natural Structural Shapes

Natural Structural Shapes of Shallow Arches (77-APM-31) (A) **S 97**

Nayfeh, A. H. Nonlinear Propagation of Wave-Packets on Fluid Interfaces (76-WA/APM-11) (A) **Je 110**

Nazli, M. Heat Transfer in Solar Energy Storage (77-HT-38) (A) **O 104**

NC Lathe

New Single-Spindle Turret Lathe (BTR) **Ag 48**

Near-Optimum Controllers

Designing Low-Order, Near-Optimum Controllers with Just a Little Algebra (76-WA/Aut-5) (A) **My 92**

Nebo, A. C. Construction and Preliminary Test of Fiber-Reinforced-Concrete Pump Casing (76-WA/PVP-11) (A) **Mr 101**

Negative Superheats

Homogeneous Nucleation of Bubbles at Negative Superheats (77-HT-58) (A) **O 106**

Neifert, H. R. A New Look at Subcritical Quenching (SCT) for Fatigue Strength Improvement (77-RT-4) (A) **Ag 106**

Nelsen, T. H. Fabrication of Rectangular Cell Ceramic Regenerators for Use in Gas Turbine Engines (77-GT-111) (A) **Ag 106**

Nelson, C. W. Numerical Solution of Solid Propellant Transient Combustion (77-HT-17) (A) **O 102**

Nelson, D. A. Radiation Heat Transfer in Molecular-Gas Filled Enclosures (77-HT-16) (A) **O 101**

Nelson, D. V. The Fluid Pivot Journal Bearing (76-Lub-26) (A) **F 142**

Nelson, H. F. Two-Dimensional Multiple Scattering: Comparison of Theory with Experiment (77-HT-48) (A) **O 105**

Nephew, E. A. Application of the Ice-Maker Pump to an Annual Cycle Energy System (76-WA/Ener-4) (A) **Ap 105**

Nephelometer

Introducing Controlled Matter into a Fluid System (BTR) **Ja 56**

Nerem, R. M. Fluid Dynamics of Multiple Noncritical Stenoses (76-WA/Bio-2) (A) **JI 101**

Nessler, G. L. Design of a Viscoelastic Dynamic Absorber For Machine Tool Applications (76-WA/Prod-20) (A) **JI 98**

Net Vapor Generation

Determination of the Point of Net Vapor Generation in Forced Convection Subcooled Boiling (76-WA/HT-86) (A) **Je 117**

Neuman, E. D. Underground Compressed Air Storage Power-Parametric Analysis of Cycles and Cost for Various Concepts (76-JPGC-GT-5) (A) **Ja 111**

Neumayer, H. Tests on a Very Large Vortex Valve

(76-WA/Flcs-9) (A) **Ap 101**

Neuner, J. A. A Fault Tolerant, Multiplexed Control Rod Position Detection and Indication System for Nuclear Power Plants (76-WA/NE-7) (A) **Ap 92**

Neutron-Pinhole Aperture Camera
Pinhole Photo of Nuclear Core (BTR) **F 59**

New Products
Classifying New Products and Services (TL) **Mr 106**

Newman, A. L. *(recipient)* Sylvia W. Farny Scholarship **N 91**

Newman, M. B. Design Considerations of Figures: Finite Element Interactive Graphics User Routines (77-DE-34) (A) **S 92**

Newton
No Ill Effects (c) **O 56**
No Worse Force Choice (C) **My 49**

Ni, C. C. An Experimental Study of Flow-Induced Motions of Flexible Cables and Cylinders Aligned with the Flow Direction (76-WA/FE-15) (A) **F 135**

Nicholas, J. C. Systems of Finite Elements for Finite Bearings (76-Lub-13) (A) **F 141**

Nichols, S. P. The Partitive Analytical Forecasting (PAF) Technique as an Aid in Long-Term Research and Development Program Planning (76-WA/Mgt-4) (A). **Je 104**

Nickel
Mining Manganese Nodules from the Ocean Floor **Ag 20**

Nickel-Zinc Battery
Doubling Range of Electric Cars (BTR) **Ja 62**

Nieberding, W. C. Optical Detection of Blade Flutter (77-GT-66) (A) **Ag 101**

Nikitin, E. Superheated Liquids: Thermophysical Properties, Homogeneous Nucleation and Explosive Boiling-Up (77-HT-87) (A) **N 105**

Nisbet, J. W. A New Role for Structures Technology in Aircraft Configuration Development (76-WA/Aero-8) (A) **My 96**

Nishi, M. Deceleration Rate Parameter and Algebraic Prediction of Turbulent Boundary Layer (76-WA/FE-7) (A) **F 134**; Prediction of Flow Separation in a Diffuser by a Boundary Layer Calculation (76-WA/FE-6) (A) **F 134**

Nishida, S. Influence of Inner Surface Defects on the Fatigue Strength of Pipe Subjected to Cyclic Internal Pressure (77-PVP-41) (A) **D 104**

Nitinol Alloy
Metals with "Memories" (BTR) **Mr 58**

Nitrogen
Velocity and Temperature Profiles in Near-Critical Nitrogen Flowing Past a Horizontal Flat Plate (77-HT-7) (A) **O 101**

Nitrogen Oxide
Aqueous Solution Scrubbing for NO_x Control in Munitions Incineration (76-WA/Fu-9) (A) **Je 103**
The NOx Emission Levels of Unconventional Fuels for Gas Turbines (77-GT-16) (A) **Jl 94**
Radical Phenomena in Liquid Fueled Gas Turbine Combustors (77-GT-5) (A) **Jl 92**
Spontaneous Stratification in LNG Tanks Containing Nitrogen (76-WA/PID-6) (A) **Je 106**

Nilson, R. H. Theoretical and Experimental Study of Workpiece Geometry in Electrochemical Machining (76-WA/Prod-6) (A) **Jl 97**

Nitrogen Oxide Emissions
A Potential Low NOx Emission Combustor for Gas Turbines Using the Concept of Hybrid Combustion (77-GT-15) (A) **Ag 96**

Niyogi, K. K. An Analysis of a Two-Stream Gravity-Feed Mixing Process (77-DE-44) (A) **S 93**

Nobel Fally
The Russian Rockefellers: The Saga of the Nobel Family and the Russian Oil Industry (CB) **N 112**

Nock, O. S. *(author)* Locomotion: A World Survey of Railway Traction (CB) **F 144**

Noise
OSHA and the Noise of Pneumatic Systems (77-DE-49) (A) **S 94**

Noise Control
Call for Noise Control Data (NB) **N 75**
Industrial Noise Control Handbook (CB) **Jl 107**
Noise Control by Regulation—An Engineering Challenge (77-RC-16) (A) **Ag 109**
Process Noise Control: A Critical Application that Worked (77-RC-12) (A) **Ag 109**

Noise Exposure Standard
Industrial Noise and Hearing Loss (NB) **Je 76**

Noise Levels
Simple Techniques to Estimate Noise Levels Based on Manufacturer Equipment Data (76-WA/PID-21) (A) **Je 109**

Noise Reduction
Noise Reduction Potential for the Existing Business Jet Fleet (77-GT-76) (A) **Ag 102**

Noise Sources
Evaluation of Multiple Noise Sources in a Large Room (76-WA/PID-20) (A) **Je 108**

Noise Standards
Economic Impact of a 90-dBA Noise Standard on Textile Spinning Operations (77-RC-15) (A) **Ag 108**

Noise Technology
Noise Technology for Future Aircraft Power Plants **Ja 40**

Noise Testing
Characteristics of an Anechoic Chamber for Fan Noise Testing (77-GT-74) (A) **Ag 102**

Nolan, P. B. *(author)* The Wright Brothers Collection: A Guide to the Technical, Business and Legal, Genealogical, Photographic, and Other Archives at Wright State University (CB) **S 103**

Noncircular Cups
On the Drawability of Sheet Metal in Noncircular Cups (76-WA/Prod-21) (A) **Jl 96**

Noncircular Ducts
Application of Schwarz-Neumann Technique to Fully Developed Laminar Heat Transfer in Noncircular Ducts (76-WA/HT-49) (A) **Je 112**

Noncircular Fluid Lines
Dynamic Response Approximation for Noncircular Fluid Lines (76-WA/Flcs-2) (A) **Ap 101**

Noncondensable Gas
The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) (A) **Je 114**

Nonconservative Buckling Loads
Branching Analysis at Coincident Buckling Loads of Nonconservative Elastic Systems (77-APM-30) (A) **S 98**

Nondestructive Evaluation
A Means of Assessing the Effect of Periodic Proof Testing and NDE on the Reliability of Cyclically Loaded Structures (77-PVP-44) (A) **D 104**
NDE Bearing Profiles (BTR) **F 65**

Nondestructive Testing (N.D.T.)
Advanced Technology for Large Thick-Wall High-Pressure Vessels **My 40**
Alive, Well, and Willing (C) **S 46**

Nondestructive Testing Equipment
The Design of Nondestructive Testing Equipment for Industrial Plants of Today and Tommorrow (77-DE-8) (A) **S 89**

Nonferromagnetic Tubing
Nondestructive Testing of Ferromagnetic and Nonferromagnetic Heat Exchanger Tubing from the ID for Wall Thinning and Cracks (76-Pet-36) (A) **Ja 102**

Nongray Gases
A General Formulation and Analytical Solutions for Multi-Dimensional Radiative Transfer in Nongray Gases (77-HT-51) (A) **O 106**

Nonholonomic Systems
Bond Graphs for Nonholonomic Dynamic Systems (76-WA/Aut-3) (A) **My 92**

Nonisothermal Processes
Laboratory Studies of Nonisothermal Fluid Production from Fractured Geothermal Reservoirs (77-HT-53) (A) **O 106**

Nonlinear Buckling
Nonlinear Buckling of Tubular Columns (77-PVP-55) (A) **D 105**

Nonlinear Expanders
Nonlinear Expanders for Diesel-Cycle Application—Part IV: Sealing (77-DGP-6) (A) **D 98**

Nonlinear Propagation
Nonlinear Propagation of Wave-Packets on Fluid Interfaces (76-WA/APM-11) (A) **Je 110**

Nonlinear Structural Analysis
Assessment of a Nonlinear Structural Analysis Finite Element Program (NONSAP) For Inelastic Analysis (77-PVP-10) (A) **N 106**

Nonlinear Systems
The Critical Excitation of Nonlinear Systems (77-APM-18) (A) **S 96**

Nonminority Discrimination
President's Page Reactions (C) **My 50**

Non-Newtonian Fluid
Thermal Entrance Region Heat Transfer in Plane Couette Flow of a Non-Newtonian Fluid (76-WA/HT-41) (A) **Je 111**

Non-Numerical Techniques
Non-Numerical Techniques for Design Synthesis (77-DET-8) (A) **D 101**

Non-Uniform Electric Fields
Some Experimental Investigations of Heating Effects Caused by Non-Uniform Electric Fields (76-WA/HT-44) (A) **Je 112**

Nonuniform Fin Spacing
Effects of Nonuniform Passages on Deepfold Heat Exchanger Performance (76-WA/HT-32) (A) **Je 111**

Nonvibratory Feeding Systems
The Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 1: Nonvibratory Feeding Systems (76-WA/Prod-38) (A) **Jl 101**

NOR Logic Circuits
Design Method for Near-Optimal NOR Logic Circuits (76-WA/Flcs-4) (A) **Ap 101**

Nordqvist, Y. K. Development and Service Experience of the Nohab F-Type 250-MM Bore Diesel Engine (77-DGP-21) (A) **D 100**

Nohab Diesel Engine
Development and Service Experience of the Noab F-Type 250-MM Bore Diesel Engine (77-DGP-21) (A) **D 100**

Norem, J. H. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**

Norman, R. S. Simple Techniques to Estimate Noise Levels Based on Manufacturer Equipment Data (76-WA/PID-21) (A) **Je 109**

Norris, E. B. Evaluation of the Sulfide SCC Susceptibility of Tubular Steels (77-Pet-3) (A) **N 108**

Norris, J. W. A High-Pressure, High-Temperature Combustor and Turbine-Cooling Test Facility (76-WA/GT-4) (A) **Mr 96**

North, D. C. Evaluation of a Fuel Assembly for a Nuclear Merchant Ship (76-WA/NE-18) (A) **Ap 94**

North, R. A. Remembering Colonel Davies (C) **Ap 52**

North, W. P. T. Fixed Edge Bending Moments of Thin Rectangular Cantilever Plates Due to Line Loading (77-DET-119) (A) **D 102**

North Sea Oil
North Sea Oil Slowdown by '79 (ES) **Ja 18**

Notaro, F. Thermal Testing of High Performance Cryogenic Envelope for Superconducting Power Cable (76-WA/PID-10) (A) **Je 107**

Notch Toughness Steel
High Notch Toughness Steel for Large LPG Tanks (76-Pet-57) (A) **Ja 104**

Novak, G. E. A Comparison of the Stress Levels in One- and Two-Wear 36-In.-Diameter Wheels Under Simulated Service Loads (77-RT-13) (A) **Ag 107**; Thermal Patterns in 36-Inch Freight Car Wheels During Service Tests (76-WA/RT-11) (A) **Mr 95**

Novendstern, E. H. CRBRP Outlet Plenum Behavior During Steady-State and Transient Conditions (77-HT-32) (A) **O 103**; Outlet Plenum Flow Stratification Studies for the Clinch River Breeder Reactor Plant (76-WA/HT-84) (A) **Je 117**; Prediction of the CRBRP Outlet Plenum Transient Response Following a Reactor Trip (77-HT-30) (A) **O 103**

Novick, S. *(author)* The Electric War: The Fight Over Nuclear Power (CB) **Jl 107**

Nozzle Area
Friction Area and Nozzle Area for Valves and Fittings as New All-Purpose Flow Parameters (76-Pet-2) (A) **Ja 98**

Nozzle Cracks
Stress Intensity Factors for Reactor Vessel Nozzle Cracks (77-PVP-30) (A) **D 102**

Nozzle Spray Distribution
Modeling Environmental Effects on Nozzle Spray Distribution (76-WA/FE-39) (A) **F 138**

Nozzles
Efsect of Nozzle Shape and Polymer Additives on Water Jet Appearance (77-FE-16) (A) **S 101**
Stiffness Coefficients and Allowable Loads for Nozzles in Flat Bottom Storage Tanks (77-PVP-19) (A) **N 107**

Nuccio, P. P. Improved Waste Water Vapor Compression Distillation Technology (77-ENAs-20) (A) **N 96**

Nuckols, M. L. An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OcE-1) (A) **My 94**

Nuclear Casks
Heat Transfer Within Nuclear Cask Studied (BTR) **N 59**

Nuclear Cavities
Flow Through Porous Media From a Nuclear Cavity (77-FE-23) (A) **O 110**

NucleaComponents
Nuclear Age Lurches Forward (BTR) **Mr 63**
Nuclear Core
Pinhole Photo of Nuclear Core (BTR) **F 59**
Nuclear Diesel Generator Systems
Maintenance and Operation of Nuclear Diesel Generator Systems (77-DGP-14) (A) **D 100**
Nuclear Energy
And on the Nuclear Issue (ES) **Ja 18**
Solar Distinctions (C) **Je 51**
Nuclear Energy Policy
Industry Reactions to Carter's Nuclear Policy (ES) **Je 24**
Nuclear Engineering
Advanced Design "Magnetic Jack" Control Rod Drive Mechanism System (76-WA/NE-1) (A) **Ap 92**
Analysis of Sodium/Water Reactions in a Steam Generator Loop of the Clinch River Breeder Reactor Plant (76-JPGC-NE-11) (A) **Ja 113**
Considerations in Designing High Temperature Dump Heat Exchangers (76-JPGC-NE-7) (A) **Ja 112**
The Development of the Super-Sipper In-Core and Out-of-Core Failed Fuel Detection Systems (76-WA/NE-20) (A) **Ap 95**
Duplex Bayonet Tube Steam Generator for Liquid Metal Fast Breeder Reactor Application (76-JPGC-NE-6) (A) **Ja 112**
Effect of System Variables on Departure from Nucleate Boiling in the Clinch River Breeder Reactor Plant Steam Generators (76-JPGC-NE-4) (A) **Ja 112**
Effective Boiler Feed Control for Test Loops (76-WA/NE-15) (A) **Ap 94**
Evaluation of a Fuel Assembly for a Nuclear Merchant Ship (76-WA/NE-18) (A) **Ap 94**
A Fault Tolerant, Multiplexed Control Rod Position Detection and Indication System for Nuclear Power Plants (76-WA/NE-7) (A) **Ap 92**
Feedwater Chemistry Requirements for HTGR Steam Generator Operation (76-WA/NE-13) (A) **Ap 94**
Fuel Performance in Babcock & Wilcox Pressurized Water Reactors (76-WA/NE-16) (A) **Ap 94**
Fuel Performance Evaluation after the First Cycle of Operation at Indian Point Unit No. 2 (76-WA/NE-17) (A) **Ap 95**
Interim Evaluation of Exposure Conditions for the Water-Side Corrosion Test of a Sodium Heated Steam Generator Evaporator Model Employing a Duplex Tube (76-JPGC-NE-5) (A) **Ja 112**
Magnetic Jack Control Rod Drives (76-WA/NE-3) (A) **Ap 92**
Matrix Steam Generator for LMFBR Service (76-JPGC-NE-8) (A) **Ja 112**
A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) (A) **Ja 112**
783MW(t) LMFBR Steam Generator Test Facility (76-JPGC-NE-3) (A) **Ja 112**
New High-Density Spent Fuel Rack Design (76-WA/NE-2) (A) **Ap 92**
ORNL-EPR Study—Results and Implications (76-WA/NE-10) (A) **Ap 93**
Oscillatory Dryout Related Thermal Stresses in Clean Steam Generator Tubes (76-JPGC-NE-2) (A) **Ja 112**
Philosophy and Practice of Radwaste Packaging and Disposal: A Discussion of the Improved Containerization Alternative (76-JPGC-NE-12) (A) **Ja 113**
Post-Critical Heat Flux Fouling by System Corrosion Products in a Model Sodium Heated Steam Generator (76-WA/NE-12) (A) **Ap 94**
PWR Secondary System Chemistry During Air and Cooling Water Inleakage (76-WA/NE-14) (A) **Ap 94**
Radiochemical Evaluation of Babcock and Wilcox's Commercial Pressurized Water Reactor Fuel Performance (76-WA/NE-19) (A) **Ap 95**
Radwaste Treatment Study for a Once-Through Steam Generator Cleaning Solution (76-WA/NE-6) (A) **Ap 92**
Review of the Conceptual Design of a Doublet Fusion Experimental Power Reactor (76-WA/NE-9) (A) **Ap 93**
The Role of Volume Reduction Processes in LWR Radwaste Treatment (76-WA/NE-5) (A) **Ap 92**
Sodium-Heated Evaporator Critical Heat Flux Experiments at Subcical Pressure Conditions for Commercial LMFBR Plant Application (76-JPGC-NE-10) (A) **Ja 112**
Study of Off Gas Release Through a Natural Draft Cooling Tower (76-WA/NE-8) (A) **Ap 92**
Thermal-Hydraulic Design of a Supercritical, Once-Through Steam Generator for the Molten-Salt Breeder Reactor Plant (76-JPGC-NE-9) (A) **Ja 113**
Thin-Film Evaporators for Processing BWR Liquid Radwaste (76-WA/NE-4) (A) **Ap 92**
Tokamak Experiental Power Reactor (76-WA/NE-11) (A) **Ap 93**
Nuclear Fuel Reprocessing
Europe, the Breeder,and Reprocessing (ES) **O 27**
Nuclear Gas Turbines
Ammonia Turbomachinery Design Considerations for the Direct Cycle Nuclear Gas Turbine Waste Heat Power Plant (77-GT-75) (A) **Ag 102**
Nuclear Helium
Considerations Concerning the Layout of Nuclear Helium Turbine Power Plants with Optimum Economy (77-GT-79) (A) **Ag 102**
Nuclear Helium Turbine Plants
The Dynamic Behavior of Nuclear Helium Turbine Plants During By-Pass and Pressure Level Control Operations (77-GT-3) (A) **Jl 92**
Nuclear Physics
Nuclear Physics Breakthrough (EN) **Ag 69**
Nuclear Power
Countering Anti-Nuclear Faith (C) **wag 44**
The Electric War: The Fight Over Nuclear Power (CB) **Jl 107**
Energy Policy Implications (C) **Jl 48**
Gas Turbine Engineers Highlight New Fuels, Materials, Applications **My 74**
Predict Nuclear Power Growth (BTR) **My 56**
The Pro-Nuclear Argument: One More Time (ES) **F 31**
Refocusing on "Reprocessing" (C) **Mr 53**
Saying "Amen" (C) **N 54**
The Twin Swords of Damocles (ES) **O 27**
Worldwide Growth of Nuclear Power (BTR) **Je 56**
Nuclear Power Plants
$150 Billion for Nuclear Plans Through 1990 (ES) **Je 25**
Description, Output and Development Prospects of a 750°C Helium Direct Cycle Nuclear Power Plant with a Single Turbomachine and Intermediate Cooling (77-GT-2) (A) **Jl 92**
Earthquakes and Nuclear Power Plants (BTR) **Ap 59**
Quality Assurance for Nuclear Power Plant Components **My 78$**
Large-Scale Computerization and Project Control Systems in the Design and Construction of Nuclear Power Plants (76-WA/Mgt-9) (A) **Je 105**
Nuclear Power Plant Quality Assurance—Palliative or Panacea? (77-RC-10) (A) **Ag 108**
Reactor Safety: A Basic Understanding for the Mechanical Engineer (NR) **Ja 71**
Nuclear Power Stations
Dual-Purpose Nuclear Station (IF) **Ap 63**
Nuclear Power Station (IF) **D 67**
Nuclear Process Heat
Hydroretorting of Oil Shale and Nuclear Process Heat (76-WA/Ener-3) (A) **Ap 105**
Nuclear Pressure Vessel Steels
A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) (A) **Mr 100**
Nuclear Proliferation
Implementers of Foreign Policy **Je 85**
Nuclear Reactor Internals
A Computerized Method for Flow-Induced Random Vibration Analysis of Nuclear Reactor Internals (76-WA/PVP-12) (A) **Mr 101**
Nuclear Reactors
Aborting the Plutonium Age (BTR) **My 55**
Fuel Rod Bowing Resulting from Internal Pellet Motion (77-HT-29) (A) **O 103**
Nuclear Safety Valves
On Nuclear Safety Valve Operability Assurance (76-WA/Saf-4) (A) **Ap 95**
Nuclear Technology
Nuclear Production Expanded (IF) **N 68**
Nuclear Waste
Nuclear Waste Technology (C) **Jl 56**
The Ongoing Saga of Nuclear Waste (NR) **N 73**
Wrapping Up the Nuclear Fuel Cycle—Part 2: A Permanent Home for Nuclear Waste **Ja 20**
Nuclear Waste Storage
Nuclear Waste Storage (EN) **S 68**; (IF) **Jl 63**
Nuclear Weapons
A-Weapons and the Breeder — How Firm the Connection? (NR) **Je 68**
Nucleate Boiling
The Effect of Bedding Materials on Boiling Heat Transfer (77-HT-26) (A) **O 103**
Effect of System Variables on Departure from Nucleate Boiling in the Clinch River Breeder Reactor Plant Steam Generators (76-JPGC-NE-4) (A) **Ja 112**
Nucleation
Experimental Study on Bubble Nucleation in the Oscillating Pressure Field (77-HT-22) (A) **O 102**
Homogeneous Nucleation of Bubbles at Negative Superheats (77-HT-58) (A) **O 106**
Homogeneous Nucleation in Multi-Component Liquid Mixtures (77-HT-21) (A) **O 102**
Number Distributions
The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays, Part II: The Drop-Size/Number Distribution (76-WA/GT-10) (A) **Mr 97**
Numerical Calculations
The Numerical Calculation of Buoyancy Driven Boundary Layers (76-WA/HT-53) (A) **Je 113**
Numerical Rigid Lid Model
A Three-Dimensional Numerical Model for Closed Basins (76-WA/HT-21) (A) **My 100**
Numerical Solution Methods
Accuracies of Numerical Solution Methods for the Elastic-Perfectly Plastic Model (77-PVP-1) (A) **N 106**
Nunlist, E. J. Creating Corporate Incentives to Promote Creativity (77-DE-5) (A) **S 88**

O

Oba, F. Optimization of Cutting Conditions for Multi-Pass Operations Considering Probablistic Nature in Machining Processes (76-WA/Prod-4) (A) **Jl 96**
Oberacker, D. A. Corrosion and Deposits From Combustion of Solid Waste Part V: Firing of Refuse with High-Sulfur Coal (76-WA/CD-1) (A) **My 91**
Obermeier, J. L. An Economic Evaluation of Small-Scale Wind Powered Electric Generation Systems (76-WA/Ener-1) (A) **Ap 104**
O'Brien, T. B. Incapable People—Unused Technology—Poor Performance (76-Pet-6) (A) **Ja 98**
O'Brien, W. F. The V.P.I. Gas Turbine and Turbomachinery Research Laboratory (77-GT-73) (A) **Ag 102**
Occupational Safety & Health Administration
New Standard to Interpret OSHA Rules (NB) **O 79**
OSHA: The Agency You Love to Hate (WW) **O 86**
Ocean Energy
New Career Paths in Engineering: Ocean Energy **Jl 46**
Ocean Engineering
A Note on the Bending of Rods to a Specified Shape (76-WA/OcE-2) (A) **My 94**
An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OcE-1) (A) **My 94**
Development of Economical Casting Process for NEMO-Type Acrylic Submersible Hulls (76-WA/OcE-7) (A) **My 95**
New Career Paths in Engineering: Applications of Solar Energy **O 50**
New Career Paths in Engineering—Geothermal Energy **N 50**
New Career Paths in Engineering: Ocean Engineering **S 42**
New Career Paths in Engineering—Preparing for an Engineering Career **Ap 48**
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**
New Career Paths in Engineering—Materials: The Stuff of Which Things Are Made **Ag 38**
Pseudo-Cylindrical Shells: A New Concept for Undersea Structures (76-WA/OcE-6) (A) **My 95**
Scale Modeling of Large Elastic Undersea Cable Structures (76-WA/OcE-8) (A) **My 95**
Spherical Acrylic Plastic Hulls Under External Explosive Loading (76-WA/OcE-4) (A) **My 94**
Spherical Sector Windows With Restrained Edge for Undersea Applications (76-WA/OcE-3) (A) **My 94**
Submarine Pipeline Analysis with an Elastic Foundation by the Finite Element Method (76-WA/OcE-5) (A) **My 95**
Ocean Fuel Storage
Rubber Bladder for Ocean Fuel Storage (BTR) **Ag 50**
Mathematical and Physical Models of Ocean Outfall Performance (77-ENAs-52) (A) **N 100**

Ocean Thermal Energy Concept
One of the "Good Guys" (C) **D 55**
Ocean Thermal Energy Conversion
The OTEC Answer to OPEC Solar Sea Power! **Je 26**
OTEC Impact (C) **S 47**
Oceanography
Legacy of a Poisonous Ocean (BTR) **Jl 53**
Occupational Safety & Health Administration (OSHA)
OSHA and ANSI: A New Relationship (NB) **Ja 74**
OSHA Reorganizes (NR) **F 74**
OSHA Sets "Common Sense" Priorities (NB) **Ag 67**
O'Connor, H. W. For Unions (C) **Mr 52**
Odell, E. I. Numerical Solution of a Deep Drawing Problem (76-WA/Prod-3) (A) **Jl 96**
Odgers, J. The Energy Release to Static Gas from a 12-Joule High Energy Ignition System (77-GT-18) (A) **Jl 93**
Oettinger, W. H. SI Facts Shrinking Fast (C) **D 54**
Off Gas Release
Study of Off Gas Release Through a Natural Draft Cooling Tower (76-WA/NE-8) (A) **Ap 92**
Office of Safety & Health Administration
News from the White House, Congress, and the Courts (WW) **F 80**
Offshore Applications
Status of Drill Stem Testing Tools for Offshore Applications (76-Pet-72) (A) **Ja 106**
Offshore Oil Fields
Aga Oil and Gas Field (IF) **Je 64**
Offshore Oil Production
Blowouts, Fires, Oil Spills, and Oil Cleanup—OTC Looks to the Problems and Potential of Offshore Development (NR) **Jl 64**
Offshore Permafrost
Investigation of Arctic Offshore Permafrost Near Prudhoe Bay (76-Pet-97) (A) **F 138**
Offshore Platforms
Deterministic and Random Wave Forces on Gravity Type Offshore Platforms (76-WA/FE-24) (A) **F 136**
Surface Safety Systems for Offshore Platforms (76-Pet-89) (A) **Ja 108**
Offshore Pipe Laying
The Automatic Welding System for Offshore Pipe Laying (76-Pet-32) (A) **Ja 102**
Offshore Pipelines
Installation of Deep Offshore Pipelines (1000-m Depth) by Bottom Pull Method (76-Pet-80) (A) **Ja 107**
Offshore Production/Storage System
Mobile Offshore Production and Storage System (IF) **Mr 69**
Offshore Technology
Underwater Accomplishment (C) **S 47**
Ogawa, Y. The Effects of a Single Building on Diffusion—A Combined Laboratory and Field Study (76-WA/FE-27) (A) **F 137**
Oh, K. P. A Theoretical Analysis of a Compliant Shell Air Bearing (76-Lub-5) (A) **F 140**
O'Hearne, C. S. P.E. Perspectives (C) **N 54**
Oil Conservation
Oil Conservation in Home Heating (76-WA/Fu-8) (A) **Je 103**
Oil Drilling
Adequate Incentive (ES) **D 18**
Oil Fields
Domestic Oil Search Intensifies (BTR) **Mr 62**
Oil-Film Dampers
Experiments on the Transient Response of Oil-Film Dampers (77-GT-31) (A) **Ag 96**
Oil Film Thickness
Optical Measurement of Oil Film Thickness Between Rollers (76-Lub-10) (A) **F 141**
Oil-Flooded Screw Compressors
The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors (76-WA/PID-15) (A) **Je 107**
Oil-Fueled Combustors
Design Criteria for Reducing Pollutant Emissions and Fuel Consumption by Residential Oil-Fueled Combustors (76-WA/Fu-10) (A) **Je 103**
Okuda, A. S. Design Criteria for Reducing Pollutant Emissions and Fuel Consumption by Residential Oil-Fueled Combustors (76-WA/Fu-10) (A) **Je 103**
Oil Heating
Computer Aided Design of a Shell and Tube Heat Exchanger for Oil and Asphalt Heating (76-WA/HT-6) (A) **My 98**
Oil-in-Water Emulsions
Transport of Crude Oil as Oil-in-Water Emulsions (77-FE-26) (A) **O 110**
Oil Industry
A Learning Program for Engineering and Scientific Professionals in the Oil and Gas Industry Concerning Metrication and SI Units (76-Pet-10) (A) **Ja 99**
Oil Production
Malay Peninsula Oil (IF) **N 68**
Remote Seafloor Oil Production (BTR) **N 58**
Oil Shale
Hydroretorting of Oil Shale and Nuclear Process Heat (76-WA/Ener-3) (A) **Ap 105**
Oil Shale
Synthetic Fuels from Coal and Oil Shale (Technological and Economic Assessment) (76-Pet-22) (A) **Ja 101**
Oil Slowdown
North Sea Oil Slowdown by '79 (ES) **Ja 18**
Oil Spill Cleanup Boats
The Fleet's In (ES) **N 21**
Oil Spills
Persisting Oil Spill Effects (BTR) **Ja 62**
Oil Transport
Seawater Oil Transport Pumps (IF) **My 60**
Oilfield Valves
Seals for Valve Stems and Wellheads in High Pressure-High Temperature Service (76-Pet-5) (A) **Ja 98**
Oily Wastewaters
Chemical Flocculation of Complex Oily Wastewaters (77-ENAs-38) (A) **N 99**
Olefin Plants
Microprocessor Control Benefits in Olefins Plant Design (76-Pet-63) (A) **Ja 105**
Oliemans, R. V. A. Two-Phase Flow in Gas-Transmission Pipelines (76-Pet-25) (A) **Ja 101**
Oliker, I. Application of Direct Contact Heat Exchangers in Geothermal Systems (77-HT-3) (A) **O 100**; Heat Exchanger and Thermal Storage Problems in Power Stations Serving District Heating Networks (77-HT-36) (A) **O 104**
Oliver, D. A. A Numerical Solution to the Unsteady Quasi-Three-Dimensional, Turbulent Heat Transfer Problem in an MHD Channel (77-HT-90) (A) **N 105**
Olsson, A. I. Development and Service Experience of the Nohab F-Type 250-MM Bore Diesel Engine (77-DGP-21) (A) **D 100**
Omega Seal
Temperatures and Distortions Induced by Omega Seal Closure Welding (76-WA/PVP-20) (A) **Mr 102**
On-Line Graphics
On-Line Graphics Pays Off as Input Data Checker (CT) **Ag 74**
Onischak, M. Development of a Prototype Regenerable Carbon Dioxide Absorber for Portable Life Support Systems (77-ENAs-54) (A) **N 100**
Onsager Reciprocal Relations
Deviations From the Linear Transport Laws and Corrections to the Onsager Reciprocal Relations (76-WA/APM-2) (A) **Je 109**
Opaque Substrates
The Temperature Distribution Along an Absorbing-Emitting Fluid Layer Flowing over an Opaque Substrate (76-WA/Sol-5) (A) **F 131**
Operation Pitfalls
Slurry Pipeline Design and Operation Pitfalls to Avoid (76-Pet-12) (A) **Ja 99**
Operations Research
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**
Optical Devices
Optical Detection of Blade Flutter (77-GT-66) (A) **Ag 101**
Optical Measurements
Optical Measurement of Oil Film Thickness Between Rollers (76-Lub-10) (A) **F 141**
Optical Performance Analysis
Optical and Thermal Performance Analysis of Three Line Focus Collectors (76-WA/HT-15) (A) **My 100**
Optical Techniques
Interferometric Investigation of Turbulently Fluctuating Temperature in an LMFBR Outlet Plenum Geometry (76-WA/HT-82) (A) **Je 117**
Optical Temperature Measurements
Optical Temperature Measurements in Porous Media (77-HT-89) (A) **N 104**
Optical Waveguides
Optical Waveguides for TV (IF) **F 68**
Optimal Design Problems
Mechanical Design Optimization for Transient Dynamic Response (76-WA/DE-27) (A) **Mr 105**
Optimal Mass Flow
Optimal Mass Flow Rates Through Flat Plate Solar Collector Panels (76-WA/Sol-19) (A) **F 132**
Optimal Tolerance Selection
A Method for Optimal Tolerance Selection (76-WA/DE-23) (A) **Ap 99**
Optimal Total Energy Systems
Design of an Optimal Total Energy System for a Large Military Installation (76-WA/HT-46) (A) **Je 112**
Optimal Tuning
Optimal Cantilever Dynamic Vibration Absorbers (76-WA/DE-17) (A) **Mr 105**
Optimal Wearpath
The Optimal Wearpath Principle (76-Lub-28) (A) **F 142**
Optimization
Rigidity Analysis and Optimization of Warren Beams in Torsion (76-WA/Prod-32) (A) **Jl 100**
Optimization Analysis
An Optimization Analysis of Machining Center (76-WA/Prod-34) (A) **Jl 100**
Optimum Bearing
Optimum Bearing and Support Damping for Unbalance Response and Stability of Rotating Machinery (77-GT-27) (A) **Jl 95**
Optimum Step Design
Optimum Step Design for Centering of Pistons Moving in an Incompressible Fluid (77-FE-30) (A) **O 111**
Optimum Synthesis
Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) (A) **Ap 96**
Orbiter Radiator System
Space Shuttle Orbiter Radiator System (77-ENAs-33) (A) **N 98**
Orbiter Spacecraft
Venusian Orbiter (BTR) **F 62**
Organic Rankine Cycle Turbine
Simulation and Operation of a Solar Powered Organic Rankine Cycle Turbine (76-WA/Sol-18) (A) **Mr 103**
Organics
Organics in our Reservoirs: A Rising Problem (BTR) **Ja 58**
Organizational Environment
Training for Technological Standardization in a Geographically Dispersed Organizational Environment (76-Pet-9) (A) **Ja 99**
Organometallic Chemistry
Gmelin Handbuch der Anorganischen Chemie. 8. (CB) **S 104**
Orienting Systems
The Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 1: Nonvibratory Feeding Systems (76-WA/Prod-38) (A) **Jl 101**; Part 2: Vibratory-Bowl Feeding Systems (76-WA/Prod-39) (A) **Jl 101**
Orifices
An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) (A) **Je 105**
Orlando, M. A New Calculation of Coned Annular Disk Spring (76-WA/DE-9) (A) **Mr 104**
Ormsby, P. A. Aerothermal and Rain Erosion Behavior of Selected Candidate Plastic Radome Materials in Mach 5 Sled Tests (77-ENAs-16) (A) **N 96**
Orndorff, R. L., Jr. A New Torsional Elastic Seal for Oscillatory Motion (76-Pet-64) (A) **Ja 105**
ORNL-EPR Study
ORNL-EPR Study—Results and Implications (76-WA/NE-10) (A) **Ap 93**
Ortabasi, U. Indoor Test Methods to Determine the Effect of Vacuum on the Performance of a Tubular Flat Plate Collector (76-WA/Sol-24) (A) **Mr 103**
Orthotropic Strips
The Problem of Internal and Edge Cracks in an Orthotropic Strip (77-APM-19) (A) **S 96**
Ortloff, J. E. An Articulated Multiline Production Riser for Deepwater Application (76-Pet-44) (A) **Ja 103**; Design, Fabrication, and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) (A) **Ja 103**; Elections to Fellow Grade **D 96**
Oscillating Pressure Fields
Experimental Study on Bubble Nucleation in the Oscillating Pressure Field (77-HT-22) (A) **O 102**
Oscillation Frequencies
Prediction of Oscillation Frequencies for Unstable Flow Past Cavities (76-WA/FE-17) (A) **F 135**
Oscillators
Response of Three Oscillators Coupled by a Weak Nonlin-

earity (77-APM-5) (A) **S 94**

Oscillatory Dryout
Oscillatory Dryout Related Thermal Stresses in Clean Steam Generator Tubes (76-JPGC-NE-2) (A) **Ja 112**

Oscillatory Motion
A New Torsional Elastic Seal for Oscillatory Motion (76-Pet-64) (A) **Ja 105**

Oscillatory Pumps
Modes and Operating Zones of Oscillatory Pumps (76-WA/FE-13) (A) **F 135**

Osman, M. O. M. Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) (A) **Ap 96**

Osteoarthritis
On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) (A) **F 139**

Oster, C. A. Well-Hole Temperature Distribution in the Presence of Aquifers (76-Pet-59) (A) **Ja 105**

Ostrach, S. Elections to Fellow Grade **My 85**

Ostroot, G., Jr. Case History of a Two Burner Boiler Explosion (76-Pet-19) (A) **Ja 100**

O'Sullivan, M. J. Convection in Porous Medium Heated from Below: The Effect of Temperature Dependent Viscosity and Thermal Expansion Coefficient (77-HT-56) (A) **O 106**

Ostwald, P. F. A Method for Optimal Tolerance Selection (76-WA/DE-23) (A) **Ap 99**

Othmer, D. F. Energy—Fluid Fuels from Solids **N 30**

Oubre, H. J. Emergency Shutdown Systems—Evolution and Status (76-Pet-102) (A) **F 139**

Outer-Race Ball Bearings
Performance of 75-Millimeter Bore Arched Outer-Race Ball Bearings (76-Lub-18) (A) **F 141**

Outer Space Adaptation
A Prelude to Living in Space (NR) **Je 73**

Outfall Performance
Mathematical and Physical Models of Ocean Outfall Performance (77-ENAs-52) (A) **N 100**

Outlet Plenum Geometry
Outlet Plenum Flow Stratification Studies for the Clinch River Breeder Reactor Plant (76-WA/HT-84) (A) **Je 117**
Interferometric Investigation of Turbulently Fluctuating Temperature in an LMFBR Outlet Plenum Geometry (76-WA/HT-82) (A) **Je 117**

Outlet Plenums
A Study of the Density Interface in a Stratified LMFBR Outlet Plenum (77-HT-23) (A) **O 103**
Validation of Turbulence Models for LMFBR Outlet Plenum Flows (77-HT-34) (A) **O 103**
CRBRP Outlet Plenum Behavior During Steady-State and Transient Conditions (77-HT-32) (A) **O 103**
Prediction of the CRBRP Outlet Plenum Transient Response Following a Reactor Trip (77-HT-30) (A) **O 103**

Output Links
Synthesis of R-S-S-R Mechanism for Coordinating Input-Output Displacements for Finitely and Infinitesimally Separated Positions (76-WA/DE-5) (A) **Mr 104**

Outputs
Analysis of a Two-Link Fixed-Conveyor System with Multiple Poisson Inputs and Outputs (76-WA/MH-1) (A) **My 90**

Outstanding Engineering Achievements
1976 Outstanding Engineering Achievements (NR) **Je 74**

Outwater, J. O. Countering Anti-Nuclear Faiths (C) **Ag 44**

Oval Inconal Tubes
Plastic Collapse of Oval Straight Tubes Under External Pressure (77-PVP-57) (A) **D 105**

Overfire Region
An Investigation of the Laminar Overfire Region Along Upright Surfaces (77-HT-68) (A) **O 107**

Overman, J. P. Evaluation Performance for a Pneumatic Trash Collection System (77-RC-1) (A) **Ag 108**

Owen, F. K. Turbulence Measurements of Spray Flames (77-HT-15) (A) **O 101**

Oxenreider, P. *(recipient)* Sylvia W. Farny Scholarship **Ja 92**

Oxygen
The Potential of Medium Purity Oxygen in Energy Conservation (76-WA/PID-7) (A) **Je 107**

Oxygen Compressor Installations
Design Characteristics of Large High Pressure Centrifugal Oxygen Compressor Installations (76-WA/PID-23) (A) **Je 108**

Oxygen-Free Seawater
Seawater Oil Transport Pumps (IF) **My 60**

Oxygen Plants
Features of an Actual 2000-Ton-per-Day Oxygen Plant (76-WA/PID-2) (A) **Je 106**

Oyler, J. F. Finite Element Analysis of Reclaimer Gantry Cone (76-WA/MH-2) (A) **My 90**

Ozone
Ozone Endangered by Chemical Fertilizers (BTR) **O 62**

P

Paccione, R. J. Fuel Performance Evaluation after the First Cycle of Operation at Indian Point Unit No. 2 (76-WA/NE-17) (A) **Ap 95**

Package Boilers
World's Largest Package Boiler (IF) **Jl 63**

Packard, C. The New Mexico Department of Agriculture Solar Heated and Cooled Building (76-WA/Sol-10) (A) **F 131**

Packed Beds
Carbon Dioxide Absorption in Packed Beds of Alkaline Carbonate Materials (77-ENAs-17) (A) **O 109**

Paddock, M. D. *(recipient)* Marjorie Roy Rothermal Memorial Scholarship **N 90**

Padgaonkar, A. J. A Three-Dimensional Mathematical Simulation of Pedestrian-Vehicle Impact with Experimental Verification (76-WA/Bio-1) (A) **Jl 101**

Pagano, L. E. The Shaping of American Engineers' Consciousness of Women's Issues (76-WA/TS-6) (A) **My 88**

Pagni, P. J. Wake Turbulent Flames (77-HT-97) (A) **N 105**

Paidoussis, M. P. Stability of a Cluster of Flexible Cylinders in Bounded Axial Flow (77-APM-34) (A) **S 98**

Pal, Dilip *(recipient)* Rice-Cullimore Scholarship **N 90**

Paladino, A. E. The Office of Technology Assessment: An Overview (76-WA/TS-10) (A) **My 90**

Palcza, J. L. Structural and Cooling Aspects of the Aden Nonaxisymmetric Exhaust Nozzle (77-GT-110) (A) **Ag 106**

Palic, V. M. *(author)* Government Publications: A Guide to Bibliographic Tools, Incorporating Government Organization Manuals: A Bibliography (CB) **D 109**

Palmer, M. E. The Transient Motion of a Cylindrical Shell of Arbitrary Cross Section in an Acoustic Medium (77-APM-33) (A) **S 98**

Palmer, R. S. To Breed or Not To Breed? **F 32**

Paluszny, A. Probabilistic Aspects of Designing with Ceramics (77-GT-41) (A) **Ag 97**

Pampreen, R. C. A Method of Calculating the Slip Factor of Centrifugal Compressors from Deviation Angle (77-GT-64) (A) **Ag 101**

Pan, Y. -C. Point Force Solution for an Infinite Transversely Isotropic Solid (76-WA/APM-18) (A) **Jl 103**

Panaras, A. G. Transonic Normal Shock-Turbulent Boundary Layer Interaction in Pressure Gradient Flows (77-GT-34) (A) **Jl 95**

Pancuksa, V. I. "CABOS"—Shipboard Sewage Treatment System (77-ENAs-46) (A) **N 100**

Pandey, P. C. Rigidity Analysis and Optimization of Warren Beams in Torsion (76-WA/Prod-32) (A) **Jl 100**

Pandit, S. M. Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-WA/Prod-9) (A) **Jl 97**

Panjabi, M. M. Mechanical Properties of Fractures as Function of Healing Time (77-Bio-2) (A) **S 98**

Paraffin Waxes
Thermal Performance of Paraffin Phase Change Materials Dispersed in a Concrete Mortar Filler Matrix (76-WA/HT-33) (A) **Je 110**

Parallel Plates
The Frost Formation on Parallel Plates at Very Low Temperature in a Humid Stream (76-WA/HT-60) (A) **Je 114**

Parametric Design
Parametric Design of a Rotary-Combustion Test Engine (76-WA/DE-25) (A) **Ap 96**

Parametric Studies
A Parametric Study of a Heat Exchanger Designed for Geothermal Power Plant Application (77-HT-1) (A) **O 100**

Parekh, R. J. Evaluation of a Fuel Assembly for a Nuclear Merchant Ship (76-WA/NE-18) (A) **Ap 94**

Pareto-Optimality
Natural Structural Shapes of Shallow Arches (77-APM-31) (A) **S 97**

Pareto's Law
Time, the Staff Professional, and Pareto's Law (76-WA/Mgt-3) (A) **Je 104**

Parker, C. J. Mathematical Model of a Triplex Pump (76-Pet-95) (A) **F 138**

Parker, G. A. Modelling the Steady-State Characteristics of a Single-Stage Pneumatic Pressure Regulator (76-WA/Flcs-6) (A) **Ap 101**

Parker, K. O. Selection of a High-Efficiency Regenerator for Pipeline Gas Turbines (77-GT-39) (A) **Ag 97**

Parking/Emergency Brakes
Full-Power Parking/Emergency Brakes and Fail-Safe on Four-Wheel Disc Brake Systems (76-WA/Saf-3) (A) **Ap 95**

Parnell, L. A. Scale Modeling of Large Elastic Undersea Cable Structures (76-WA/OcE-8) (A) **My 95**

Particle Erosion
Particle Erosion Measurements on Metals (76-WA/Mat-1) (A) **Mr 98**

Particle-Fluid Mixture
Production and Dissipation of Energy in the Turbulent Flow of a Particle-Fluid Mixture, With Some Results on Drag Reduction (76-WA/APM-24) (A) **Jl 104**

Particle Impact Conditions
Shock Tube Simulates Gas Turbine Conditions (BTR) **O 65**

Particle Motion
The Interaction Between Particles and Gas in an Air Classifier (76-WA/FE-32) (A) **F 137**

Particle Velocity
Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) (A) **Mr 99**

Particulate-Contamination Samples
Introducing Controlled Matter into a Fluid System (BTR) **Ja 56**

Particulate Contaminants
The Effect of Particulate Contaminants on the Static Characteristics of Fluid Power Relief Valves (77-DE-20) (A) **S 90**

Particulate Deposition
Particulate Deposition in Direct Fired MHD Air Preheaters (77-HT-65) (A) **O 107**

Particulate Emissions
Particulate Emissions From Residual Fuel Fired Boilers: Influence of Combustion Modification (76-WA/APC-3) (A) **Ap 103**

Particulate Motion
Numerical Simulation of Particulate Motion in Turbulent Gas-Solid Channel Flow (76-WA/FE-37) (A) **F 138**

Partitive Analytical Forecasting
The Partitive Analytical Forecasting (PAF) Technique as an Aid in Long-Term Research and Development Program Planning (76-WA/Mgt-4) (A) **Je 104**

Paschkis, V. On ASME's Political Statements (C) **O 56**; Engineering Ethics—A New Imperative in Engineering Education (76-WA/TS-16) (A) **My 90**

Paslay, P. R. Uniaxial Creep Behavior of Metals Under Cyclic Temperature and Stress or Strain Variations (76-WA/APM-6) (A) **Je 109**

Passenger Comfort
Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) (A) **Ag 106**

Passenger Equipment
Progress in Railway Mechanical Engineering (1975–1976 Report of Survey Committee) Cars and Equipment (76-WA/RT-12) (A) **Mr 95**

Patankar Spalding Method
The Numerical Calculation of Buoyancy Driven Boundary Layers (76-WA/HT-53) (A) **Je 113**

Pate, A. J. Design of a Low-Cost Space Heating System Using Warm Geothermal or Industrial Effluents (77-DE-26) (A) **S 91**

Patel, D. K. A Numerical Study of Flow Phenomena Within a Vortex Sink Rate Sensor (76-WA/Flcs-12) (A) **Ap 102**

Patel, M. R. An Analysis for Plane Strain Plastic Deformation in Metal-Working Process (76-WA/Prod-16) (A) **Jl 98**

Patel, V. C. Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) (A) **F 135**; A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) (A) **F 135**

Patents
Pensions, Patents, Employment—How Can ASME Help? **N 86**

Path Generation
Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) (A) **Ap 96**
Pathak, D. V. Analysis of Moderately Thick Flanged Pressure Vessels (77-PVP-48) (A) **D 104**
Patten, J. S. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**
Pattern Search
A Class of Maximum Load Capacity Sector Thrust Bearings (76-Lub-6) (A) **F 140**
Patterson, I. Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) (A) **Mr 99**
Patterson, J. R. Degree Discussion (C) **JI 49**
Paul, F. W. Determination of the Point of Net Vapor Generation in Forced Convection Subcooled Boiling (76-WA/HT-86) (A) **Je 117**
Pavlov, P. Superheated Liquids: Thermophysical Properties, Homogeneous Nucleation and Explosive Boiling-Up (77-HT-87) (A) **N 105**
Payback Criteria
Establishing Concrete R&D Payback Criteria to Increase Cost Effectiveness of R&D Operations (77-DE-25) (A) **S 91**
Payload Bay Doors
Design and Manufacture of Graphite Epoxy Payload Bay Doors for the Shuttle Orbiter (76-WA/Aero-12) (A) **My 97**
Payne, G. A. *(author)* The Energy Managers' Handbook (CB) **0 113**
Peach, M. O. Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) (A) **S 96**
Peak Coolant Temperatures
An Approach for Determining the Impact of Peak Coolant Temperature on Fusion Reactor Size and Electricity Costs (77-HT-73) (A) **N 103**
Peak Load Pricing
A Push for Peak Load Pricing (ES) **D 19**
Dampening Peak Load Growth (ES) **Ag 19**
Peakshaving Plants
Optimized Expander Process in Operation in LNG Peakshaving Plant (76-WA/PID-9) (A) **Je 107**
Pearl, W. L. PWR Secondary System Chemistry During Air and Cooling Water Inleakage (76-WA/NE-14) (A) **Ap 94**
Peaslee, R. L. Brazing—An Economical, High-Quality Joining Process (77-DE-43) (A) **S 93**
Pechacek, R. Advanced Technology for Large Thick-Wall High-Pressure Vessels **My 40**; (76-Pet-77) (A) **Ja 107**
Pedal Power
Pedal Power (CB) **N 111**
Pedersen, E. S. Countering Anti-Nuclear Faith (C) **Ag 44**
Pedestrian-Vehicle Impact
A Three-Dimensional Mathematical Simulation of Pedestrian-Vehicle Impact with Experimental Verification (76-WA/Bio-1) (A) **JI 101**
Peeples, M. E. Fabrication and Comparative Performance of Three Variable Conductance Heat Pipe Concepts (77-ENAs-42) (A) **N 99**
Pegg, R. J. Some Measured and Calculated Effects of Forward Velocity on Propeller Noise (77-GT-70) (A) **Ag 101**
Pellet Motion
Fuel Rod Bowing Resulting from Internal Pellet Motion (77-HT-29) (A) **O 103**
Pelz, D. C. *(author)* Scientists in Organizations: Productive Climates for Research and Development (CB) **Mr 108**
Pendulously Supported Flywheel
Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) (A) **S 96**
Penfield, S. R., Jr. Matrix Steam Generator for LMFBR Service (76-JPGC-NE-8) (A) **Ja 112**
Peninsula Oil
Malay Peninsula Oil (IF) **N 68**
Pension Plan
Keogh Questions and Answer (PS) **JI 75**
Pensions
Pensions, Patents, Employment—How Can ASME Help? **N 86**
Personally Speaking (C) **D 54**
Penstocks
New Penstocks for Hydro Stations (IF) **Mr 68**
People & Systems
The People Side of Systems: The Human Aspects of Computer Systems (CB) **Ap 107**
Peppin, R. J. Energy Policy Recommendations (C) **Ag 43**
Peracchio, A. A. Noise Technology for Future Aircraft Power Plants **Ja 40**
Performance Analysis Techniques
Improving Turbo Compressor Efficiency via Performance Analysis Techniques (77-GT-53) (A) **Ag 99**
Performance Evaluation
A Data Acquisition, Performance Evaluation and Monitoring System for Solar Heated/Cooled Residential Dwellings (76-WA/Sol-13) (A) **Mr 102**
New Career Paths in Engineering: What Is Biomedical Engeneering? **Je 46**
Peripheral Compressors
A Regenerative Compressor (76-WA/PID-22) (A) **Je 108**
Peripheral Milling
Tool Wear in the Peripheral Milling of a Low Carbon Steel (76-WA/Prod-35) (A) **JI 100**
Perlman, A. B. Computational Methods for the Prediction of Truck Performance in Curves (76-WA/RT-15) (A) **Mr 96**
Permafrost
Investigation of Arctic Offshore Permafrost Near Prudhoe Bay (76-Pet-97) (A) **F 138**
Permafrost Soils
The Simulation of Thermal Behavior of Permafrost Soil (76-WA/HT-57) (A) **Je 113**
Permafrost Thaw-Subsidence
A Mechanical Model for Permafrost Thaw-Subsidence (76-Pet-54) (A) **Ja 104**
Permeability Reduction Factors
Permeability Reduction Factors at Wairakei (77-HT-52) (A) **O 105**
Permeable Thermal Barrier System
Transient Analysis of a Permeable Thermal Barrier System (77-DE-24) (A) **S 91**
Permian Sandstones
Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) (A) **Ja 102**
Perrone, N. Finite Element and Finite Difference Methods in Engineering (77-DE-45) (A) **S 93**
Perry, R. H. *(editor)* Engineering Manual: A Practical Reference of Design Methods and Data in Building Systems, Chemical, Civil, Electrical, Mechanical, and Environmental Engineering and Energy Conversion (CB) **Mr 108**
Personal Priorities
Personal Vitality (CB) **S 102**
Perturbation
A Perturbation Approach to Heat Conduction with Temperature Dependent Generation and Thermal Conductivity (77-HT-28) (A) **O 103**
Peskin, R. L. Numerical Simulation of Particulate Motion in Turbulent Gas-Solid Channel Flow (76-WA/FE-37) (A) **F 138**
Peters, D. A. The Effect of Principal Bending Curvature on the Lateral Buckling of Uniform Slender Beams (77-APM-22) (A) **S 96**; The Sliding Sill Underframe in Impact Situations (76-WA/RT-13) (A) **Mr 96**
Peters, L. C. Design Engineering and the Law **O 44**
Peters, W. H. Stress Intensity Factors for Reactor Vessel Nozzle Cracks (77-PVP-30) (A) **D 102**
Petersen, R. S. Graphite/Epoxy Structures-Design and the Manufacturing Interface (77-DE-15) (A) **S 90**
Petrillo, J. L. The Construction of a Large Steam Electric Unit in an Urban Area—An Environmental Case History (76-JPGC-Pwr-13) (A) **Ja 110**
Petrochemical Operations
Utilization of Refractory Concretes in Refining and Petrochemical Operations (77-Pet-35) (A) **D 107**
Petrochemical Plants
Physical Plant Design-Large Single Train Petrochemical Plants—Arriving at Tomorrow's Concepts (77-Pet-6) (A) **N 109**
Safe Operation and Control of Larga Single Train Petrochemical Plants (77-Pet-13) (A) **D 106**
Turbine Systems to Reduce Petroleum Refining and Petrochemical Plant Energy Costs (76-Pet-62) (A) **Ja 105**
Petrochemical Technology
Trends in Petrochemical Technology: The Impact of the Energy Crisis (CB) **Je 118**
Petrochemicals
Color the Prospects Rosy? (ES) **Ap 21**
Petrochemicals from Crude Oil (IF) **My 61**
Petroleum
The Catastropic Failure of a Three-Bearing Steam Turbine-Generator Set (77-Pet-7) (A) **D 106**
Computer-Aided Pipeline Scheduling (77-Pet-34) (A) **D 107**
Computerized Aid for Liquid Pipeline Scheduling and Dispatching Functions (77-Pet-20) (A) **D 106**
Conversion of a Products Pipeline to Crude Oil Batching Operation (77-Pet-19) (A) **D 106**
Cross-Media Consideration in Regulatory Policy for Utilization Systems (77-Pet-4) (A) **N 108**
The Design of Ethylene Pyrolysis Furnaces as Related to Prevailing Energy Costs and Availability (77-Pet-36) (A) **D 107**
Development and Experience with Computerized Acoustic Incipient Failure Detection (IFD) Systems (77-Pet-2) (A) **N 108**
Economic Analysis of Cryogenic Pipelines for Arctic Resource Recovery (77-Pet-8) (A) **N 109**
Effect of Centrifugal Forces on Lateral Deflection and Fundamental Frequency of Turbine Blade (77-Pet-12) (A) **D 106**
Evaluation of the Sulfide SCC Susceptibility of Tubular Steels (77-Pet-3) (A) **N 108**
Fatigue Analysis for Lattice Legs of Jack-Up Drilling Platforms (77-Pet-11) (A) **N 109**
Fired Heater Design, Operation and Maintenance for Maximum Efficiency (77-Pet-1) (A) **N 108**
Forced Oscillation of a Downhole Hydraulic Fracture (77-Pet-9) (A) **D 106**
The Most Persistent Pump-Application Problem for Petroleum and Power Engineers (77-Pet-5) (A) **N 109**
Physical Plant Design-Large Single Train Petrochemical Plants—Arriving at Tomorrow's Concepts (77-Pet-6) (A) **N 109**
"Pickup," "Performance," and Petroleum (C) **S 45**
Safe Operation and Control of Large Single Train Petrochemical Plants (77-Pet-13) (A) **D 106**
Utilization of Refractory Concretes in Refining and Petrochemical Operations (77-Pet-35) (A) **D 107**
Working with Multi-Component Mixtures (77-Pet-15) (A) **D 106**
Petroleum Crude Oils
Utilization of Petroleum Crude Oils as Boiler and Combustion Turbine Fuels (76-JPGC-Fu-2) (A) **Ja 111**
Petroleum Engineers
The Most Persistent Pump-Application Problem for Petroleum and Power Engineers (77-Pet-5) (A) **N 109**
Petroleum Mechanical Engineering Conference
Accurate Design Analysis of Flange Joints (76-Pet-37) (A) **Ja 102**
Added Mass and Damping Forces on Circular Cylinders (76-Pet-3) (A) **Ja 98**
Advanced Technology for Large, Thick-Wall High Pressure Vessels (76-Pet-77) (A) **Ja 107**
The Advancement of Flexible Pipe Couplings and Bearings (76-Pet-68) (A) **Ja 106**
Alternative Liquid Fuels and the ERDA Program (76-Pet-15) (A) **Ja 100**
Analytical and Arctic Transportation: Operational and Environmental Evaluation of an Air Cushion Vehicle in Northern Alaska (76-Pet-41) (A) **Ja 102**
An Articulated Multiline Production Riser for Deepwater Application (76-Pet-44) (A) **Ja 103**
Assessment of the Ambient Air Impact of Multiple Stack Industrial Plants Using Dispersion Modeling (76-Pet-70) (A) **Ja 106**
The Automatic Welding System for Offshore Pipe Laying (76-Pet-32) (A) **Ja 102**
Boreholes' Stability and Its Prognosis in Ledge Rock Masses (76-Pet-58) (A) **Ja 105**
Carburization Failure of Type 304 Stainless Tubes in LNG Service (76-Pet-76) (A) **Ja 107**
Case History of a Two Burner Boiler Explosion (76-Pet-19) (A) **Ja 100**
The Chamber Pump and its Application to Hot Wells (76-Pet-91) (A) **Ja 108**
Coal Gasification—Better Late Than Never (76-Pet-20) (A) **Ja 101**
Collapse of Worn Casing (76-Pet-51) (A) **Ja 104**
A Compressor Manufacturer Looks at Pulse Dampeners (76-Pet-14) (A) **Ja 99**
Conservation and Storage of Petroleum Products (76-Pet-100) (A) **F 139**
Crude Oil Working Storage in a Gulf Coast Salt Dome (76-Pet-67) (A) **Ja 106**

A Dedicated Mini-Computer Based Monitoring System for Turbomachinery Protection and Analysis (76-Pet-13) (A) **Ja 99**
Deep Water Pipe-Lay Stresses (76-Pet-79) (A) **Ja 107**
Design of a Capsule Pipeline (76-Pet-34) (A) **Ja 102**
Design Considerations for a Pneumatic Transport Vehicle (76-Pet-28) (A) **Ja 101**
Design, Fabrication, and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) (A) **Ja 103**
Design Parameters for LNG-Crude Oil Slurry Pipelines (76-Pet-16) (A) **Ja 100**
Deviation Forces Arising from Single Bit Tooth Indentation of Anisotropic Porous Media (76-Pet-52) (A) **Ja 104**
Down Sloping Inclined Pipe Flow Regime Transactions (76-Pet-30) (A) **Ja 101**
Down Sloping Inclined Pipe Pressure Drop and Holdup (76-Pet-29) (A) **Ja 102**
Downhole Measurements Through Modified Drill Pipe (76-Pet-53) (A) **Ja 104**
Drag on a Group of Cylinders (76-Pet-42) (A) **Ja 103**
Effluent Reduction Through Water Conservation and Reuse as Pollution Control Measures for Petroleum Refineries (76-Pet-71) (A) **Ja 106**
Emergency Shutdown Systems—Evolution and Status (76-Pet-102) (A) **F 139**
Energy Conservation-Steam Management in a Refinery (76-Pet-73) (A) **Ja 106**
An Engineering Approach to Minicomputer Selection (76-Pet-24) (A) **Ja 100**
The Estimation of Aquifer Properties from Reservoir Performance in Water-Drive Fields (76-Pet-49) (A) **Ja 103**
An Evaluation of the Material Capabilities of Low Carbon 2¼ Cr-1Mo Steel Forgings (76-Pet-40) (A) **Ja 102**
Experiences with a Minicomputer-Based Machinery Monitoring System (76-Pet-11) (A) **Ja 99**
An Experimental Evaluation of Drill Pipe Protectors (76-Pet-47) (A) **Ja 103**
Field Application of Externally Stress-Relieved Drill Collars (76-Pet-39) (A) **Ja 102**
Freight Pipeline Technology-Energy Requirement Calculations (76-Pet-78) (A) **Ja 107**
Friction Area and Nozzle Area for Valves and Fittings as New All-Purpose Flow Parameters (76-Pet-2) (A) **Ja 98**
Fundamentals of Marine Riser Design (76-Pet-84) (A) **Ja 108**
The Gas Pump (76-Pet-101) (A) **F 139**
Heavy Wall Drill Pipe—A Key Member of the Drill Stem (76-Pet-90) (A) **Ja 108**
High Notch Toughness Steel for Large LPG Tanks (76-Pet-57) (A) **Ja 104**
High-Pressure Jet-Drilling Experiments in Some Hard Rocks (76-Pet-50) (A) **Ja 104**
How to Make a Valve Which Will Fail-Safe in Very Deep Water (76-Pet-35) (A) **Ja 102**
Hydraulic Fracturing Thin Coal Seams in Preparation for In-Situ Gasification (76-Pet-98) (A) **F 139**
Hydraulic Power Recovery Turbines (76-Pet-65) (A) **Ja 106**
Hydrodynamic Forces in a Marine Riser: A Velocity-Potential Method (76-Pet-81) (A) **Ja 107**
Icebergs and Canadian East Coast Exploration (76-Pet-103) (A) **F 139**
Improved 2¼ Cr-1 Mo Pressure Vessel Steel Through Electroslag Remelting (76-Pet-1) (A) **Ja 98**
Incapable People—Unused Technology—Poor Performance (76-Pet-6) (A) **Ja 98**
Inert Gas Systems for Secondary Recovery (76-Pet-86) (A) **Ja 108**
Installation of Deep Offshore Pipelines (1000-m Depth) by Bottom Pull Method (76-Pet-80) (A) **Ja 107**
Insulated Well Casings for the Arctic (76-Pet-87) (A) **Ja 108**
Investigation of Arctic Offshore Permafrost Near Prudhoe Bay (76-Pet-97) (A) **F 138**
Junction Stresses for a Conical Section Joining Cylinders of Different Diameter Subject to Internal Pressure (76-Pet-31) (A) **Ja 102**
Large Seawater Supply Development for Water Injection (76-Pet-85) (A) **Ja 107**
A Learning Program for Engineering and Scientific Professionals in the Oil and Gas Industry Concerning Metrication and SI Units (76-Pet-10) (A) **Ja 99**
Mathematical Model of a Triplex Pump (76-Pet-95) (A) **F 138**
A Mechanical Model for Permafrost Thaw-Subsidence (76-Pet-54) (A) **Ja 104**
The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) (A) **Ja 104**
A Method for Analysis of a Prototype Articulated Multiline Marine Production Riser System (76-Pet-46) (A) **Ja 103**
Microprocessor Control Benefits in Olefins Plant Design (76-Pet-63) (A) **Ja 105**
Minimizing Casing Wear in Dog Legs (76-Pet-56) (A) **Ja 104**
Moment Capability of Valves Using Semi-Analytical Finite Element Approach (76-Pet-38) (A) **Ja 102**
A New Leak-Free Sealing System for a Downhole Safety Valve (76-Pet-99) (A) **Ja 107**
A New Torsional Elastic Seal for Oscillatory Motion (76-Pet-64) (A) **Ja 105**
Nondestructive Testing of Ferromagnetic and Nonferromagnetic Heat Exchanger Tubing from the ID for Wall Thinning and Cracks (76-Pet-36) (A) **Ja 102**
Nonlinear Finite Element Analysis of Buttress Threaded Casing Connections (76-Pet-82) (A) **Ja 108**
Note on the Development Progress of Single and Two-Shaft Hot Gas Expander Compression Systems (76-Pet-17) (A) **Ja 100**
Progress and Payout of a Machinery Surveillance and Diagnostic Program (76-Pet-69) (A) **Ja 106**
Recently Developed Low Carbon Equivalent Heavy Steel Plate with 80 kg/mm² Grade High Tensile Strength (76-Pet-61) (A) **Ja 105**
Recently Developed Tools Aid in Stimulation of Production Wells (76-Pet-66) (A) **Ja 106**
A Review of the Elastic Solution for Fracture Pressure (76-Pet-96) (A) **F 138**
Rotary Drilling Bits 1976 (76-Pet-93) (A) **Ja 108**
Seals for Valve Stems and Wellheads in High Pressure-High Temperature Service (76-Pet-5) (A) **Ja 98**
Seismic Analysis for Alaskan North Slope Construction (76-Pet-75) (A) **Ja 106**
Service Experience of High Strength Cast 17-4PH Gas Compressor Impellers in Corrosive Environments (76-Pet-27) (A) **Ja 101**
Slurry Pipeline Design and Operation Pitfalls to Avoid (76-Pet-12) (A) **Ja 99**
Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) (A) **Ja 102**
Status of Drill Stem Testing Tools for Offshore Applications (76-Pet-72) (A) **Ja 106**
Stresses in Floating Roofs (76-Pet-74) (A) **Ja 106**
A Study of Various Methods of Drill String Make-Up (76-Pet-92) (A) **Ja 108**
Surface Safety Systems for Offshore Platforms (76-Pet-89) (A) **Ja 108**
Synthetic Fuels from Coal and Oil Shale (Technological and Economic Assessment) (76-Pet-22) (A) **Ja 101**
A Technique for Rating Rotary Compressors (76-Pet-104) (A) **F 139**
Techniques for Controlling Piping Vibration and Failures (76-Pet-18) (A) **Ja 100**
Thermal Performance and Reliability Requirements of 5000 Hp to 15,000 Hp High Speed Mechanical Drive Turbines (76-Pet-4) (A) **Ja 98**
Three Dimensional Elastic Stress Analysis of a Marine Riser Connector Assembly (76-Pet-83) (A) **Ja 108**
Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) (A) **Ja 103**
Training Requirements to Accompany Advancement and Technology—A Manufacturer's and Supplier's Viewpoint (76-Pet-7) (A) **Ja 99**
Training for Technological Standardization in a Geographically Dispersed Organizational Environment (76-Pet-9) (A) **Ja 99**
Turbine Systems to Reduce Petroleum Refining and Petrochemical Plant Energy Costs (76-Pet-62) (A) **Ja 105**
Two-Phase Flow in Gas-Transmission Pipelines (76-Pet-25) (A) **Ja 101**
Ultimate Bending Capacity of Lattice Legs for Jack-Up Drilling Platforms (76-Pet-26) (A) **Ja 101**
The Use of Low-Energy Gas in the Petroleum Refining Industry (76-Pet-23) (A) **Ja 101**
Vibration Energy: A Quick Approach to Rotor Dynamic Optimization (76-Pet-60) (A) **Ja 105**
Waste Energy Conservation Techniques (76-Pet-21) (A) **Ja 100**
Wave Excited Oscillations of a Gravity Platform (76-Pet-33) (A) **Ja 102**
Wear Protection for Casing and Tool Joints (76-Pet-88) (A) **Ja 108**
Well-Hole Temperature Distribution in the Presence of Aquifers (76-Pet-59) (A) **Ja 105**

Petroleum Products
Conservation and Storage of Petroleum Products (76-Pet-100) (A) **F 139**

Petroleum Refineries
Effluent Reduction Through Water Conservation and Reuse as Pollution Control Measures for Petroleum Refineries (76-Pet-71) (A) **Ja 106**

Petroleum Refining
Turbine Systems to Reduce Petroleum Refining and Petrochemical Plant Energy Costs (76-Pet-62) (A) **Ja 105**

Pfund, P. A. Evaluation of a Fuel Assembly for a Nuclear Merchant Ship (76-WA/NE-18) (A) **Ap 94**

Phadke, M. S. Investigation of Spiking in Electron Beam Welding Using Stationary Stochastic Models (76-WA/Prod-10) (A) **Jl 97**

Pham, H. T. PWR Secondary System Chemistry During Air and Cooling Water Inleakage (76-WA/NE-14) (A) **Ap 94**

Phase Change Materials
A Study of the Economic Feasibility of a Thermal Energy Storage System for Solar Heating Applications Using a PCM (76-WA/HT-63) (A) **Je 114**
Study of Heat Transfer and Melting Front from a Cylinder Imbedded in a Phase Change Material (77-HT-42) (A) **O 104**
Thermal Performance of Paraffin Phase Change Materials Dispersed in a Concrete Mortar Filler Matrix (76-WA/HT-33) (A) **Je 110**

Phase Changes
Transient Heat Conduction in a Finite Medium with Phase Change (76-WA/HT-3) (A) **My 97**

Phillippi, R. M. Fluidic Thermistors of Fluidic Temperature Sensing With Capillaries (76-WA/TM-1) (A) **Je 104**

Phillips, J. W. Axial Impact of Twisted Wire Cables (77-APM-2) (A) **S 94**; Pulse Propagation in Fluid-Filled Tubes (77-APM-7) (A) **S 94**

Phister, M., Jr. *(author)* Data Processing Technology and Economics (CB) **Je 118**

Phonograph Recordings
"Bottle" Dropped into Cosmic Ocean (BTR) **N 58**

Photometric I2 Level Detector
Development of an Advanced Combined Iodine Dispenser/Detector (77-ENAs-30) (A) **N 97**

Photosynthesis
Of Men, Sheep, and Goats (BTR) **D 56**

Photosynthetic Organisms
Prediction of Radiation Absorption and Scattering in Turbid Water Bodies (77-HT-47) (A) **O 104**

Photovoltaic Conversion
Where the Sun Shines Bright (C) **Ap 51**

Photovoltaic Program
ERDA May Reroute Photovoltaic R&D (ES) **N 20**

Photovoltaics
Photovoltaics in the Developing Countries? (ES) **Ag 18**

Physical Sciences
Historical Studies in the Physical Sciences (CB) **Ap 107**

Physico-Computational Models
A Novel Physico-Computational Model for Quasi One-Dimensional Gas-Particle Flows (76-WA/FE-36) (A) **F 138**

Pi Tau Sigma Awards
Needed: Nominees for Pi Tau Sigma-ASME Awards (NR) **D 72**

Pichel, P. W. A New 10,000-hp Gas Turbine Engine for Industrial Service (77-GT-4) (A) **Jl 92**

Piekarski, K. Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) (A) **S 97**

Pier, J. B. Integrated Low-Btu Gasification, Combined Cycle Plant Interface and Power System Control Considerations (76-JPGC-GT-3) (A) **Ja 111**

Pierre, B. Description, Output and Development Prospects at a 750°C Helium Direct Cycle Nuclear Power Plant with a Single Turbomachine and Intermediate Cooling (77-GT-2) (A) **Jl 92**

Piezoelectric Transducers
Telltale Pulses from Pen and Tablet (BTR) **O 64**

Pigott, R. Unsteady Aerodynamic Forces on Vibrating Transonic Turbine Cascades (76-WA/GT-8) (A) **Mr 97**

Pillsbury, P. W. Recent Tests of Industrial Gas Turbine Combustors Fueled with Simulated Low Heating Value Coal Gas (76-WA/GT-3) (A) **Mr 96**

Pilot Plants
Description of Thermal Storage Sub-System Designs for ERDA's 10 MW(e) Solar Central Receiver Pilot Plant (76-WA/HT-68) (A) **Je 115**
Pilot Projects
Pilot Project in Technology Transfer to a Developing Nation (76-WA/Aero-6) (A) **My 96**
Pinaire, R. Transport of Crude Oil as Oil-in-Water Emulsions (77-FE-26) (A) **O 110**
Pinkus, O. How to Save 5% of Our Energy **S 32**
Pinnes, E. L. Homogeneous Nucleation in Multi-Component Liquid Mixtures (77-HT-21) (A) **O 102**
Pipe Bending
Pipe Bending Reduces Cost of "Energy Bank" (BTR) **Ag 53**
Pipe Couplings
The Advancement of Flexible Pipe Couplings and Bearings (76-Pet-68) (A) **Ja 106**
Pipe Elements
A Model for a Strain Hardening Pipe Element (77-PVP-47) (A) **D 104**
Pipe Flow
Response of a Turbulent Pipe Flow to a Change in Roughness (77-FE-3) (A) **S 99**
Pipe-Lay Stresses
Deep Water Pipe-Lay Stresses (76-Pet-79) (A) **Ja 107**
Pipe Manifold Design
Short Pipe Manifold Design for Four-Stroke Engines (76-WA/DGP-4) (A) **Ap 100**
Pipe Production
Pipe Production Expanded (IF) **S 56**
Pipe Routing
Automated Pipe Routing for Minimum Cost (77-PVP-46) (A) **D 104**
Pipe Rupture
Impact Energy Calculations for a Steam Check Valve Following a Postulated Pipe Rupture (76-WA/FE-8) (A) **F 134**
Pipe-Type Diffusers
Design and Performance of Selected Pipe-Type Diffusers (77-GT-104) (A) **Ag 105**
Pipe Whip
Short Time Dynamic Elastic-Plastic Response of a Beam Due to a Time Varying Transverse Load with Application to Pipe Whip (77-PVP-56) (A) **D 105**
Pipeline Gas Turbines
Selection of a High-Efficiency Regenerator for Pipeline Gas Turbines (77-GT-39) (A) **Ag 97**
Pipeline Leaks
K-9 Detector (BTR) **N 55**
Pipeline Operations
Computer-Aided Pipeline Scheduling (77-Pet-34) (A) **D 107**
Computerized Aid for Liquid Pipeline Scheduling and Dispatching Functions (77-Pet-20) (A) **D 106**
Pipelaying
Submarine Pipeline Analysis with an Elastic Foundation by the Finite Element Method (76-WA/OcE-5) (A) **My 95**
Pipelines
Effect of an Elevated Pipeline on Ground Temperature (76-WA/HT-56) (A) **Je 113**
Experience with Gas/Stream Combined Cycle Turbines on a Natural Gas Pipeline (77-GT-8) (A) **Jl 92**
LNG-Crude Oil Slurry Cryogenic Pipelines (76-WA/PID-8) (A) **Je 107**
A Note on the Bending of Rods to a Specified Shape (76-WA/OcE-2) (A) **My 94**
Stingray Pipeline Automated Measurement and Control System (77-GT-91) (A) **Ag 104**
Pipes
Down Sloping Inclined Pipe Flow Regime Transactions (76-Pet-30) (A) **Ja 101**
Flutter of Articulated Pipes at Finite Amplitude (77-APM-9) (A) **S 95**
Influence of Inner Surface Defects on the Fatigue Strength of Pipe Subjected to Cyclic Internal Pressure (77-PVP-41) (A) **D 104**
Piping
Fatigue Crack Growth of Stainless Steel Piping in a Pressurized Water Reactor Environment (77-PVP-34) (A) **D 103**
Piping Systems
Analysis of Pressure Pulsation in Reciprocating Compressor Piping Systems by Analog and Digital Simulation (76-WA/DGP-3) (A) **Ap 100**
State-of-the-Art Computer Software Piping Analysis According to Section III of ASME B&PB Code (76-WA/PVP-18) (A) **Mr 102**
Vent Valve Reaction Force (77-PVP-52) (A) **D 105**
Piping Vibration
Techniques for Controlling Piping Vibration and Failures (76-Pet-18) (A) **Ja 100**
Piping Welds
Effects of Construction Practices on the Ultrasonic Inspectability of Piping Welds (77-PVP-15) (A) **N 106**
Pistons
Optimum Step Design for Centering of Pistons Moving in an Incompressible Fluid (77-FE-30) (A) **O 111**
Pitot Tube Coefficients
Correction of S-Type Pitot-Static Tube Coefficients When Used for Isokinetic Sampling From Stationary Sources (76-WA/GT-6) (A) **Mr 97**
Pitts, D. R. Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) (A) **My 100**
Pitts, W. H. III Spectral and Temporal Characteristics of Post-Stenotic Turbulent Wall Pressure Fluctuations (77-Bio-8) (A) **S 99**
Pittsburgh Coal
The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) (A) **Ja 104**
Pizialli,R. L. Analysis of Torsional Vibration in a High Bandwidth Angular Position Servo (76-WA/Aut-9) (A) **My 93**
Pizzigoni, B. A Method for Investigating the Dynamic Behavior of a Turbomachinery Shaft on a Foundation (77-DET-16) (A) **D 102**
Plain-Bearing Failures
Ideas and Hypotheses on Plain-Bearing Failures (77-DGP-13) (A) **D 99**
Plain Carbon Steels
X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) (A) **Mr 99**
Planar Linkages
KINSYN III: For Design of Planar Linkages (CT) **F 82**
Planar Mechanical Systems
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) (A) **Ap 96**
Planar Mechanisms
Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) (A) **Ap 96**
Vibrational Analysis of Mechanics Using Constant Length Finite Elements (76-WA/DE-21) (A) **Ap 99**
Planar Reflectors
Performance of Flat-Plate Collectors with Planar Reflectors (76-WA/HT-27) (A) **My 100**
Plane Couette Flow
Thermal Entrance Region Heat Transfer in Plane Couette Flow of a Non-Newtonian Fluid (76-WA/HT-41) (A) **Je 111**
Plane Strain
An Analysis for Plane Strain Plastic Deformation in Metal-Working Process (76-WA/Prod-16) (A) **Jl 98**
Plane-Strain Extrusion
Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) (A) **Jl 99**
Planer Miller
Speedy Planer Miller (IF) **Ja 69**
Planet Probers
Venusian Orbiter (BTR) **F 62**
Planetary Rover
Planetary Rover (BTR) **F 60**
Planetary Spacecraft
"Bottle" Dropped into Cosmic Ocean (BTR) **N 58**
Plant Auxiliary Systems
Power System Economics: An Evaluation of Plant Auxiliary System Incremental Kilowatt Consumption (76-WA/Pwr-2) (A) **F 133**
Plant Engineering
The ABC's Required for Establishing a Practical Computerized Plant Engineering Management Data Base System (76-WA/PEM-1) (A) **My 93**
Plant Engineering Programs (EN) **Ja 75**
Plant Engineering & Maintenance
Plant Engineering and Maintenance Conference and Show Set for Chicago (NR) **Ap 68**
Plant Engineers
Management Handbook for Plant Engineers (CB) **Ap 106**
Plasma-Assisted Hot Machining
Plasma-Assisted Hot Machining (BTR) **O 63**
Plass, S. B. Operational Limitations of Direct Contact Boilers for Geothermal Applications (77-HT-5) (A) **O 101**
Plastic Collapse
Plastic Collapse of Oval Straight Tubes Under External Pressure (77-PVP-57) (A) **D 105**
Plastic Deformation
An Analysis for Plane Strain Plastic Deformation in Metal-Working Process (76-WA/Prod-16) (A) **Jl 98**
On the Wedge Identation and its Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) (A) **Jl 98**
Plastic Enclosures
Insuring Mechanical Integrity of Plastic Enclosures (77-DE-13) (A) **S 89**
Plastic Instability
Plastic Instability of Thin-Walled Spherical and Cylindrical Shells of Laminated Construction (77-PVP-40) (A) **D 104**
Plastic Internal Variables
Plastic Internal Variables Formalism of Cyclic Plasticity (76-WA/APM-21) (A) **Jl 103**
Plastic Pipes
Cellular Plastic Pipe and its Blowing Agent (BTR) **My 54**
Plastic Random Materials
Aerothermal and Rain Erosion Behavior of Selected Candidate Plastic Radome Materials in Mach 5 Sled Tests (77-ENAs-16) (A) **N 96**
Plastic Snap Fits
Snap Fit Design Concepts (76-WA/DE-3) (A) **Mr 104**
Plastic Wave Speeds
Plastic Wave Speeds in Isotropic Work-Hardening Materials (77-APM-13) (A) **S 96**
Plasticity
Plastic Internal Variables Formalism of Cyclic Plasticity (76-WA/APM-21) (A) **Jl 103**
Plastics
Simplified Design With Graphite Reinforced Plastics (77-DE-14) (A) **S 89**
Plate-Fin Surfaces
Performance Ranking of Plate-Fin Heat Exchanger Surfaces (76-WA/HT-31) (A) **Je 110**
Plate-Finned Tubes
Contact Conductance of Mechanically Expanded Plate Finned Tube Heat Exchangers (77-HT-24) (A) **O 102**
Plate Wakes
Low Reynolds Number Flow in Plate Wakes (76-WA/HT-30) (A) **Je 110**
Plates
Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) (A) **S 96**
Flow-Induced Bending of Rectangular Plates (77-APM-14) (A) **S 95**
The Frost Formation on Parallel Plates at Very Low Temperature in a Humid Stream (76-WA/HT-60) (A) **Je 114**
Heat Transfer from a Horizontal Plate Facing Upwards to Superposed Liquid-Layers with Change of Phase (76-WA/HT-1) (A) **My 97**
Platinum-Coated Wire Screens
Heterogeneous Catalysis of Lean Ethylene/Air Mixtures by Platinum Coated Wire Screens (76-WA/GT-2) (A) **Mr 96**
Plaut, R. H. Branching Analysis at Coincident Buckling Loads of Nonconservative Elastic Systems (77-APM-30) (A) **S 98**
Plotkin, A. Leading-Edge Correction for the Supercavitating Flat-Plate Hydrofoil (77-FE-21) (A) **O 110**
Pludek, V. R. *(author)* Design and Corrosion Control (CB) **Jl 107**
Plumb, O. A. The Numerical Calculation of Buoyancy Driven Boundary Layers (76-WA/HT-53) (A) **Je 113**
Plume Dispersion
Plume Dispersion from a Lignite-Fired Power Station in Flat, Rural Terrain (76-WA/APC-7) (A) **Ap 104**
Plunge Cylindrical Grinder
On the Doubly Regenerative Stability of a Grinder: the Combined Effect of Wheel and Workpeice Speed (76-WA/Prod-19) (A) **Jl 98**
Plutonium
Aborting the Plutonium Age (BTR) **My 55**
Plutonium's Not "Uniquely Hazardous" (ES) **F 30**
Pneumatic Denseveyor System
Pollution-Free Coal Conveying System (IF) **F 69**
Pneumatic Pressure Regulator
Modelling the Steady-State Characteristics of a Single-Stage Pneumatic Pressure Regulator (76-WA/Flcs-6)

(A) **Ap 101**

Pneumatic Systems
OSHA and the Noise of Pneumatic Systems (77-DE-49) (A) **S 94**

Pneumatic Transport Vehicles
Design Considerations for a Pneumatic Transport Vehicle (76-Pet-28) (A) **Ja 101**

Pneumatic Trash Collection
Evaluation of the Performance for a Pneumatic Trash Collection System (77-RC-1) (A) **Ag 108**

"Pogo" Pressure Transducers
Dynamic Calibration of the "Pogo" Pressure Transducer (BTR) **Je 54**

Point Contacts
Isothermal Elastohydrodynamic Lubrication of Point Contacts Part III—Fully Flooded Results (76-Lub-30) (A) **F 143**; Part IV—Starvation Results (76-Lub-31) (A) **F 142**

Point Force Solutions
Point Force Solution for an Infinite Transversely Isotropic Solid (76-WA/APM-18) (A) **Jl 103**

Poisonous Ocean
Legacy of a Poisonous Ocean (BTR) **Jl 53**

Poisson Distribution
Analysis of a Two-Link Fixed-Conveyor System with Multiple Poisson Inputs and Outputs (76-WA/MH-1) (A) **My 90**

Poli, C. The Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 1: Nonvibratory Feeding Systems (76-WA/Prod-38) (A) **Jl 101**; Part 2: Vibratory-Bowl Feeding Systems (76-WA/Prod-39) (A) **Jl 101**

Poling, W. D. Nuclear Power Plant Quality Assurance—Palliative or Panacea? (77-RC-10) (A) **Ag 108**

Political Statements
On ASME's Political Statements (C) **O 56**

Pollack, J. L. Optical Detection of Blade Flutter (77-GT-66) (A) **Ag 101**

Pollutant Emissions
Design Criteria for Reducing Pollutant Emissions and Fuel Consumption by Residential Oil-Fueled Combustors (76-WA/Fu-10) (A) **Je 103**

Polluted Ponds
Active Reaeration—A Possible Solution to Polluted Ponds (NR) **Ja 70**

Pollution
Pollution Parlance (C) **My 49**
Sizing Up Our Pollution Problems (WW) **Ag 72**
The Social Burdens of Environmental Pollution Comparative Metropolitan Data Source (CB) **D 109**

Pollution Control
Effluent Reduction Through Water Conservation and Reuse as Pollution Control Measures for Petroleum Refineries (76-Pet-71) (A) **Ja 106**

Pollution-Free Coal Burning
Toward Clean Coal (BTR) **Ja 56**

Pols, A. C. High-Pressure Jet-Drilling Experiments in Some Hard Rocks (76-Pet-50) (A) **Ja 104**

Polyallylamine Membranes
Urea Transport Through Composite Polyallylamine Membranes (77-ENAs-5) (A) **O 108**

Polycentric Knee
Mechanical Analysis of Polycentric Tibial Track Loosening (77-Bio-7) (A) **S 99**

Polycrystals
Derivation of Polycrystal Creep Properties from the Creep Data of Single Crystals (77-APM-8) (A) **S 95**

Polymer Additives
Effect of Nozzle Shape and Polymer Additives on Water Jet Appearance (77-FE-16) (A) **S 101**

Polymer Solutions
Turbulence Measurements in Dilute Polymer Wake Flows (77-FE-31) (A) **O 111**
Use of Electrochemical Methods for the Study of Mass Transfer and Drag Reduction in Polymer Solutions Close to a Wall (77-FE-32) (A) **O 111**

Polymers
Deformation of Polymers During Hydrostatic Extrusion (77-PVP-39) (A) **D 103**
The Fatigue Behavior of Fiber-Reinforced Polymers and Advanced Composites (77-DE-41) (A) **S 92**

Ponter, A. R. S. A Theoretical and Experimental Investigation of Creep Problems With Variable Temperature (76-WA/APM-25) (A) **Jl 104**

Pocl, E. B. Friction Area and Nozzle Area for Valves and Fittings as New All-Purpose Flow Parameters (76-Pet-2) (A) **Ja 98**

Poole, R. W., Jr. Strenuous Objection (C) **Ag 42**

Poon, S. C. Determination of Three-Dimensional Radiative Exchange Factors for the Space Shuttle by Monte Carlo (77-HT-49) (A) **O 105**

Popov, E. P. Plastic Internal Variables Formalism of Cyclic Plasticity (76-WA/APM-21) (A) **Jl 103**

Porous Bearings
Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (76-Lub-32) (A) **F 143**
Transmissibility Study of a Flexibly Mounted Rolling Element Bearing in a Porous Bearing Squeeze-Film Damper (76-Lub-4) (A) **F 139**

Porous Elastic Cylinders
Transient Filtration in a Porous Elastic Cylinder (76-WA/APM-16) (A) **Jl 103**

Porous Media
A Review of the Elastic Solution for Fracture Pressure (76-Pet-96) (A) **F 138**
Convection in Porous Medium Heated from Below: The Effect of Temperature Dependent Viscosity and Thermal Expansion Coefficient (77-HT-56) (A) **O 106**
Deviation Forces Arising from Single Bit Tooth Indentation of Anisotropic Porous Media (76-Pet-52) (A) **Ja 104**
Flow Through Porous Media From a Nuclear Cavity (77-FE-23) (A) **O 110**
Forced Convective Heat Transfer in Porous Media with Small Biot Number (77-HT-96) (A) **N 105**
Optical Temperature Measurements in Porous Media (77-HT-89) (A) **N 104**

Porous Plates
Transient Boundary Layers Between Porous Plates (76-WA/APM-32) (A) **Jl 105**

Portable Personal Cooling System
A Portable Personal Cooling System for Mine Rescue Operations (77-ENAs-53) (A) **N 100**

Portable Grinding Safety
High-Speed Portable Grinding Safety (77-RC-3) (A) **Ag 108**

Porter, D. B. Elections to Fellow Grade **N 95**

Potvin, A. R. New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**

Post-Critical Heat Flux
Post-CHF Heat Transfer: A Non-Equilibrium, Relaxation Model (77-HT-79) (A) **N 104**

Post-Dryout Heat Transfer Model
A Post-Dryout Heat Transfer Model Based on Actual Vapor Generation Rate in Dispersed Droplet Regime (77-HT-80) (A) **N 103**

Post Processors
OUTCUR: An Automated Evaluation of Two-Dimensional Finite Element Stresses According to ASME Section III Stress Requirements (76-WA/PVP-16) (A) **Mr 101**
The Computer Wave (CT) **Jl 76**

Post-Weld Heat Treatment
Advanced Technology for Large Thick-Wall High-Pressure Vessels **My 40**

Postburn Cooling
The Therapeutic Effects of Postburn Cooling (77-HT-27) (A) **O 103**

Postlethwaite, A. W. Heat Transfer Problems Associated With an MHD Power Generation System—An Overview (77-HT-62) (A) **N 102**

Posynomials
Maximization of Signomials or Posynomials (77-DET-4) (A) **D 101**

Potassium Dioxide
KO_2 Reactions with CO_2 and H_2O in Air (77-ENAs-12) (A) **O 108**

Potter, M. C. An Experimental Investigation of Incompressible Channel Flow Near Transition (77-FE-19) (A) **O 110**

Potter, R. C. OSHA and the Noise of Pneumatic Systems (77-DE-49) (A) **S 94**

Powe, R. E. A MHD Simulation Test Facility for Investigating the Thermal Properties of a Slag/Seed Coated Radiant Boiler and Superheater for a 2000-MWt MHD Power Plant (77-HT-64) (A) **N 101**

Powell, J. Thermal-Hydraulic Analysis of Low-Activity Fusion Blanket Designs (77-HT-85) (A) **N 104**

Power
Analytical Approach for Determination of Steam/Water Flow Capability in Power Plant Drain Systems (76-WA/Pwr-4) (A) **F 133**
Cooling Water Salinity and Brine Disposal Optimized with Electrodialysis Water Recovery/Brine Concentration System (76-WA/Pwr-3) (A) **F 133**
Development History of the RCC Brine Concentrator for Concentrating Cooling-Tower Blowdown (76-WA/Pwr-5) (A) **F 133**
Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) (A) **F 133**
Influence of Cone Design Upon Liquid Engrainment Separation for a Steam Cyclone Separator (76-WA/Pwr-6) (A) **F 133**
Managing Environmental Monitoring Programs to Meet Engineering and Licensing Requirements for Power Plants (76-WA/Pwr-9) (A) **F 133**
Mechanical and Structural Design Consideration for Internals in Electrostatic Precipitators (76-WA/Pwr-7) (A) **F 133**
A New Approach to a Fluidized Bed Steam Boiler (76-WA/Pwr-8) (A) **F 133**
Power System Economics: An Evaluation of Plant Auxiliary System Incremental Kilowatt Consumption (76-WA/Pwr-2) (A) **F 133**

Power Cables
Thermal Testing of High Performance Cryogenic Envelope for Superconducting Power Cable (76-WA/PID-10) (A) **Je 107**

Power Complexes
Computer Simulation of Atmospheric Effects of Waste Heat Rejected From Conceptual Large Power Parks (76-WA/HT-20) (A) **My 100**

Power Consumption
Fluid Delivery and Metering for Reaction-Injection Molding (76-WA/PID-19) (A) **Je 108**

Power Cycle Analysis
Thermal Hydraulic and Power Cycle Analysis of Liquid Lithium Blanket Designs (77-HT-84) (A) **N 104**

Power Cycles
The Use of Liquid Natural Gas as Heat Sink for Power Cycles (77-GT-19) (A) **Jl 94**

Power Engineers
The Most Persistent Pump-Application Problem for Petroleum and Power Engineers (77-Pet-5) (A) **N 109**

Power Failures
Of Failures and Foresight (C) **N 54**; **D 55**
The Failures in Power (ES) **S 18**

Power Generation
Analysis of a New Concept for a High Temperature Direct Coal-Fired Falling Particle Air Pre-Heater for MHD Power Generation (77-HT-60) (A) **O 106**
How the Sulzer Medium-Speed Diesel Engines Meet the Demand for Power Generation (77-DGP-7) (A) **D 98**
On the Development of Medium-Speed Diesels for Economical Power Generation (77-DGP-15) (A) **D 100**
Pedal Power (CB) **N 111**
Power Generation from Shale Oil Process Off-Gas (76-JPGC-GT-4) (A) **Ja 111**
Solar Distinctions (C) **Je 51**
Wave Power (BTR) **Ag 50**

Power Generation Systems
Heat Transfer Problems Associated With an MHD Power Generation System—An Overview (77-HT-62) (A) **N 102**

Power Generators
Liquid Oxygen and MHD Power (BTR) **F 64**

Power Lawnmowers
Hazard Description of Power Lawnmowers (77-DE-12) (A) **S 89**

Power-Parametric Analysis
Underground Compressed Air Storage Power-Parametric Analysis of Cycles and Cost for Various Concepts (76-JPGC-GT-5) (A) **Ja 111**

Power Plant Applications
Hazards and Materials Compatibility of Ammonia for Power Plant Applications (77-RC-4) (A) **Ag 108**

Power Plant Drain Systems
Analytical Approach for Determination of Steam/Water Flow Capability in Power Plant Drain Systems (76-WA/Pwr-4) (A) **F 133**

Power Plant Outages
Reduce Power Plant Outages (ES) **N 21**

Power Plants
Simulation of Spray Canal Cooling for Power Plants—Performance and Environmental Effects (76-WA/HT-28) (A) **My 101**
Specifics of Heat Exchanger Design for a 2000-MWt Dual Cycle, MHD Topping-Steam Bottoming Power Plant (77-HT-61) (A) **O 107**
'30s Wind-Powered Plant Re-evaluated (BTR) **Ja 56**

Power Reactors
Review of the Conceptual Design of a Doublet Fusion

Experimental Power Reactor (76-WA/NE-9) (A) **Ap 93**
Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**

Power Recovery
Hydraulic Power Recovery Turbines (76-Pet-65) (A) **Ja 106**

Power Spectral Density
Spectral and Temporal Characteristics of Post-Stenotic Turbulent Wall Pressure Fluctuations (77-Bio-8) (A) **S 99**

Powered Spray Modules
Simulation of Spray Canal Cooling for Power Plants—Performance and Environmental Effects (76-WA/HT-28) (A) **My 101**

Power Stations
Heat Exchanger and Thermal Storage Problems in Power Stations Serving District Heating Networks (77-HT-36) (A) **O 104**

Power Systems
Historic Power Systems Recognized **Ag 81**

Power Tower
Power Tower Tune-Up (BTR) **O 69**

Power Transmission
Power Transmission Market (IF) **S 57**

Power Transmission Cables
The Evolution of a Cryogenic Enclosure for a Superconducting Power Transmission Cable (77-HT-75) (A) **N 103**

Power Transmission Lines
Ecological Impact of Rights-of-Way (BTR) **Ap 55**
Optimization of Helium Refrigerators for Superconducting Power Transmission Lines in Terms of Cost and Reliability (76-WA/PID-16) (A) **Je 108**

Power Transmissions
The Economics and Requirements of the Helium Refrigerator System for Superconducting Power Transmission Application (76-WA/PID-3) (A) **Je 106**

Power Turbines
Aerothermodynamic Performance of a Variable Nozzle Power Turbine Stage for an Automotive Gas Turbine (77-GT-95) (A) **Ag 104**
Variable Power Turbine Nozzle System Mechanical Development (77-GT-105) (A) **Ag 105**

Prachuktam, S. Assessment of a Nonlinear Structural Analysis Finite Element Program (NONSAP) For Inelastic Analysis (77-PVP-10) (A) **N 106**; Determination of Burst Pressures for Cracked Steam Generator Tubes (77-PVP-31) (A) **D 102**

Praeg, W. F. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**

Prakash, J. A Microcontinuum Theory for the Elastohydrodynamic Inlet Zone (76-Lub-19) (A) **F 141**

Prakash, R. Estimation of Systemic Arterial Impedance in Man from Cardiac Catheterization Data (76-WA/Bio-6) (A) **JI 102**

Prandtl Number
Mixed Convection Heat Transfer from a Vertical Plate: Prandtl Number Effects (76-WA/HT-17) (A) **My 100**

Prasad, S. N. Elasticity Solution of Deep Beam Under Settlement of Supports (76-WA/APM-23) (A) **JI 104**

Pre-Processor Software
The Computer Wave (CT) **JI 76**

Precipitators
How to Get Flyash (ES) **N 20**

Preferred Stocks
An Investment Primer (PS) **F 81**

Preprototype Design
Development of a Three-Man Preprototype CO_2 Collection Subsystem for Spacecraft Application (77-ENAs-19) (A) **N 96**

Preprototype Water Electrolysis
Development Status of a Preprototype Water Electrolysis System (77-ENAs-34) (A) **N 98**

Prerupture Behaviors
Prerupture Behavior of Biosystems Under Stress (77-Bio-3) (A) **S 98**

Presidential Exchange Program
Presidential Exchange Program: An Opportunity for ASME Members (NR) **D 71**

Press Productivity
Increased Press Productivity (IF) **N 69**

Pressen, D. Design Method for Near-Optimal NOR Logic Circuits (76-WA/Flcs-4) (A) **Ap 101**

Pressman, R. S. Non-Numerical Techniques for Design Synthesis (77-DET-8) (A) **D 101**

Pressure Distributions
Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) (A) **S 99**

Pressure Drop
Down Sloping Inclined Pipe Pressure Drop and Holdup (76-Pet-29) (A) **Ja 102**
Heat Transfer, Pressure Drop, and Performance Evaluation of a Quintuplex Internally Finned Tube (77-HT-46) (A) **O 105**

Pressure Drop Correlations
Flow and Heat Transfer in Convectively Cooled Underground Electric Cable Systems: Velocity Distributions and Pressure Drop Correlations (76-WA/HT-45) (A) **Je 112**

Pressure Fields
Experimental Study on Bubble Nucleation in the Oscillating Pressure Field (77-HT-22) (A) **O 102**

Pressure Gradients
Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) (A) **S 97**
Transonic Normal Shock-Turbulent Boundary Layer Interaction in Pressure Gradient Flows (77-GT-34) (A) **JI 95**
Urea Transport Through Composite Polyallylamine Membranes (77-ENAs-5) (A) **O 108**

Pressure Level Control Operations
The Dynamic Behavior of Nuclear Helium Turbine Plants During By-Pass and Pressure Level Control Operations (77-GT-3) (A) **JI 92**

Pressure Measurements
Fundamentals of Temperature, Pressure and Flow Measurements (CB) **S 104**
Vapor Deposited Transducers for Designing Against High Cycle Fatigue (77-DE-33) (A) **S 91**

Pressure Pulsation
Analysis of Pressure Pulsation in Reciprocating Compressor Piping Systems by Analog and Digital Simulation (76-WA/DGP-3) (A) **Ap 100**

Pressure Ratios
Experimental Investigations of Supersonic Cascades Designed for High Static Pressure Ratios (77-GT-37) (A) **Ag 97**

Pressure Regulators
Modelling the Steady-State Characteristics of a Single-Stage Pneumatic Pressure Regulator (76-WA/Flcs-6) (A) **Ap 101**

Pressure Transducers
Dynamic Calibration of the "Pogo" Pressure Transducer (BTR) **Je 54**

Pressure Vessel Design & Fabrication
Short Course on Pressure Vessel Design and Fabrication **Je 94**

Pressure Vessel Fabrication
Quality Assurance and Quality Control in Pressure Vessel Fabrication (77-PVP-22) (A) **N 107**

Pressure Vessel Research
A Boost for Pressure Vessel Research (NR) **Ja 73**

Pressure Vessel Steel
Improved 2¼ Cr-1 Mo Pressure Vessel Steel Through Electroslag Remelting (76-Pet-1) (A) **Ja 98**

Pressure Vessel Technology
New World Body for Pressure Vessel Technology **Je 88**

Pressure Vessels
Advanced Technology for Large Thick-Wall High-Pressure Vessels **My 40**
Advanced Technology for Large, Thick-Wall High Pressure Vessels (76-Pet-77) (A) **Ja 107**
Pressure Vessels: The ASME Code Simplified, Fifth Ed. (CB) **O 112**

Pressure Vessels and Piping
Accuracies of Numerical Solution Methods for the Elastic-Perfectly Plastic Model (77-PVP-1) (A) **N 106**
Analysis of Concrete Cylindrical Hulls Under Hydrostatic Pressure (77-PVP-42) (A) **D 104**
Analysis of a Large Saddle Supported Horizontal Pressure Vessel (77-PVP-18) (A) **N 107**
Analysis of Moderately Thick Flanged Pressure Vessels (77-PVP-48) (A) **D 104**
Application of NE-3000 Rules (77-PVP-25) (A) **N 108**
Assessment of a Nonlinear Structural Analysis Finite Element Program (NONSAP) For Inelastic Analysis (77-PVP-10) (A) **N 106**
Automated Pipe Routing for Minimum Cost (77-PVP-46) (A) **D 104**
Automated Ultrasonic Testing—Capabilities, Limitations, and Methods (77-PVP-16) (A) **N 106**
The Background of ASME Code Case XXXX: A Simplified Method of Analyzing Part B Flanges (77-PVP-38) (A) **D 104**
Building and Equipment Seismic Response for PWR Plants (76-WA/PVP-14) (A) **Mr 101**
Characterization of Fracture in Vessels and Piping (76-WA/PVP-2) (A) **Mr 100**
Comparison of Iterative and Direct Solution Methods for Substructuring (77-PVP-36) (A) **D 103**
The Compression of Thick-Walled Tubes by External Pressure (77-PVP-2) (A) **N 106**
A Computerized Method for Flow-Induced Random Vibration Analysis of Nuclear Reactor Internals (76-WA/PVP-12) (A) **Mr 101**
Concrete Containments and the ASME Code, Section III, Division 2 (77-PVP-24) (A) **N 107**
Consistent Mass Matrix for Thick Beams (76-WA/PVP-13) (A) **Mr 101**
Construction and Preliminary Test of Fiber-Reinforced-Concrete Pump Casing (76-WA/PVP-11) (A) **Mr 101**
A Cycle Counting Procedure for Fatigue Failure Predictions for Complicated Multi-Axial Stress Histories (77-PVP-29) (A) **N 108**
Deformation of Polymers During Hydrostatic Extrusion (77-PVP-39) (A) **D 103**
Delay Effects in a Pressure Vessel Material 5083-0 Aluminum (76-WA/PVP-1) (A) **Mr 100**
Determination of Burst Pressures for Cracked Steam Generator Tubes (77-PVP-31) (A) **D 102**
Determination of Stress Intensity Factors for Gradient Stress Fields (76-WA/PVP-10) (A) **Mr 100**
Development of Simplified Analysis Methods for Ratchetting and Creep-Fatigue—A Status Report (76-WA/PVP-19) (A) **Mr 102**
Digital Experimental Techniques for Troubleshooting Vibration Problems in Rotating Equipment (77-PVP-49) (A) **D 105**
Economical Generation of Three-Dimensional Finite Element Grids (77-PVP-26) (A) **N 107**
Effects of Construction Practices on the Ultrasonic Inspectability of Piping Welds (77-PVP-15) (A) **N 106**
An Energy-Based Fatigue and Creep-Fatigue Damage Parameter (77-PVP-3) (A) **N 106**
Experimental Stress Analysis for Four 24-in. ANSI Standard B 16.9 Tees (77-PVP-4) (A) **N 106**
Experimental Stress Analysis of 24-in. x 12-in. Welding Tee and Comparison with Finite Element Methods (77-PVP-51) (A) **D 105**
Fatigue Crack Growth of Stainless Steel Piping in a Pressurized Water Reactor Environment (77-PVP-34) (A) **D 103**
Fatigue Crack Propagation in A533B Steels (76-WA/PVP-6) (A) **Mr 100**
The Flexibility of Curved Pipes in Creep (76-WA/PVP-4) (A) **Mr 100**
High Temperature Properties and Constitutive Equations for 1 Cr-1/2 Mo Steel (77-PVP-50) (A) **D 105**
Influence of Inner Surface Defects on the Fatigue Strength of Pipe Subjected to Cyclic Internal Pressure (77-PVP-41) (A) **D 104**
Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) (A) **Mr 100**
Low-Cycle Fatigue of AISI 1010 Steel at Temperatures up to 1200°F (649°C) (76-WA/PVP-3) (A) **Mr 100**
A Means of Assessing the Effect of Periodic Proof Testing and NDE on the Reliability of Cyclically Loaded Structures (77-PVP-44) (A) **D 104**
Mechanical and Thermal Stress Analysis at Internal Attachment Welds in Clad Heavy Wall Reactors (76-WA/PVP-15) (A) **Mr 101**
A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) (A) **Mr 100**
A Model for a Strain Hardening Pipe Element (77-PVP-47) (A) **D 104**
Nonlinear Buckling of Tubular Columns (77-PVP-55) (A) **D 105**
Normal Mode Solution of Fluid Coupled Concentric Cylindrical Vessels (77-PVP-37) (A) **D 103**
OUTCUR: An Automated Evaluation of Two-Dimensional Finite Element Stresses According to ASME Section III Stress Requirements (76-WA/PVP-16) (A) **Mr 101**
PACC-A Computer Program for ASME Section III Categorization of Finite Element Stresses (77-PVP-17) (A) **N 106**

The Past, Present and Future of Section X of the ASME Boiler and Pressure Vessel Code (77-PVP-21) (A) **N 107**
Plastic Collapse of Oval Straight Tubes Under External Pressure (77-PVP-57) (A) **D 105**
Plastic Instability of Thin-Walled Spherical and Cylindrical Shells of Laminated Construction (77-PVP-40) (A) **D 104**
POP-FSH—A Postprocessor for ASME Code Case 1592 Limits (76-WA/PVP-17) (A) **Mr 102**
A Practical Quality Assurance Manual (77-PVP-20) (A) **N 107**
Prediction of Creep Rupture of Pressure Vessels (77-PVP-54) (A) **D 105**
Quality Assurance and Quality Control in Pressure Vessel Fabrication (77-PVP-22) (A) **N 107**
Repetitive Substructures for Pressure Vessel Analysis (77-PVP-28) (A) **N 108**
Seismic Qualification of Cable Tray Systems (77-PVP-6) (A) **N 106**
Short Time Dynamic Elastic-Plastic Response of a Beam Due to a Time Varying Transverse Load with Application to Pipe Whip (77-PVP-56) (A) **D 105**
Special Considerations for Strain Hardening Materials in High Cycle Fatigue (77-PVP-33) (A) **D 103**
State-of-the-Art Computer Software Piping Analysis According to Section III of ASME B&PB Code (76-WA/PVP-18) (A) **Mr 102**
Stiffness Coefficients and Allowable Loads for Nozzles in Flat Bottom Storage Tanks (77-PVP-19) (A) **N 107**
Strain Energy Release Rate for Mixed Mode Crack Problem (76-WA/PVP-7) (A) **Mr 100**
Stress Intensity Factors for Reactor Vessel Nozzle Cracks (77-PVP-30) (A) **D 102**
Stresses at the Junction of Conical Pressure Vessel Head and Cylindrical Outlet Caused by Asymmetric Loadings (77-PVP-43) (A) **D 104**
Substructuring as an Everyday Design Tool (77-PVP-27) (A) **N 108**
Surface Cracks in Cylinders During Thermal Shock (77-PVP-5) (A) **N 106**
Synthetic Aperture Ultrasonic Inspection of Pressure Vessels and Piping (77-PVP-23) (A) **N 108**
Temperatures and Distortions Induced by Omega Seal Closure Welding (76-WA/PVP-20) (A) **Mr 102**
Three-Dimensional Evaluation of a Large Circular Disk with Circular Penetrations (76-WA/PVP-8) (A) **Mr 100**
Vent Valve Reaction Force (77-PVP-52) (A) **D 105**
Verification of Specimens for Low Cycle Fatigue and Cyclic Plasticity Testing (77-PVP-35) (A) **D 103**

Pressurized Water Reactor
Fatigue Crack Growth of Stainless Steel Piping in a Pressurized Water Reactor Environment (77-PVP-34) (A) **D 103**

Pressurized Water Reactors
Fuel Performance in Babcock & Wilcox Pressurized Water Reactors (76-WA/NE-16) (A) **Ap 94**

Preventive Maintenance
An On-Line Computer Application in Maintenance (76-WA/Mgt-10) (A) **Je 105**

Prill, R. L. Analysis of a New Concept for a High Temperature Direct Coal-Fired Falling Particle Air Pre-Heater for MHD Power Generation (77-HT-60) (A) **O 106**

Primak, A. Stresses at the Junction of Conical Pressure Vessel Head and Cylindrical Outlet Caused by Asymmetric Loadings (77-PVP-43) (A) **D 104**

Primeaux, B. W. Coal Gasification—Better Late Than Never (76-Pet-20) (A) **Ja 101**

Primm, L. A. Field Application of Externally Stress-Relieved Drill Collars (76-Pet-39) (A) **Ja 102**

Printed Circuit Boards
On the Effect of the Circuit Boards' Thermal Conductivity in the Thermal Performance of a Circuit Package Employing a Dip Device (76-WA/HT-39) (A) **Je 111**

Priorities
Personal Vitality (CB) **S 102**

Priorities Planning
A Professional Society's Contribution to National Research Goals and Priorities Planning (76-WA/RGPC-1) (A) **JI 95**

Prisms
A Minimum Drag Criterion for Prisms Mounted Eccentrically in a Channel (77-FE-9) (A) **S 100**

Prithvi Raj, D. Investigations on Axial Flow Fan Impellers With Forward Blades (77-FE-1) (A) **S 99**

Private Enterprise
Solving Public Service Problems Via Private Enterprise (NR) **My 62**

Probabilistic Mechanical Design
The Reliability of Probabilistic Mechanical Design (76-WA/DE-7) (A) **Mr 104**

Process Control
Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite Time Settling Controlled/Observer (76-WA/Aut-8) (A) **My 93**

Process Heat
Gas-Turbine Total Energy System for a Cement Plant (77-GT-22) (A) **JI 94**

Process Industries
Application of Basic Energy Conservation Principles to the Design of Rough Vacuum Systems (76-WA/PID-17) (A) **Je 108**
Design Characteristics of Large High Pressure Centrifugal Oxygen Compressor Installations (76-WA/PID-23) (A) **Je 108**
Development of Large Fiberglass Reinforced Plastic Dewars for Superconducting Magnets at 4 K (76-WA/PID-11) (A) **Je 107**
The Economics and Requirements of the Helium Refrigerator System for Superconducting Power Transmission Application (76-WA/PID-3) (A) **Je 106**
Evaluation of Multiple Noise Sources in a Large Room (76-WA/PID-20) (A) **Je 108**
Experimental Study of LNG Underground Tank (76-WA/PID-5) (A) **Je 106**
Features of an Actual 2000-Ton-Day Oxygen Plant (76-WA/PID-2) (A) **Je 106**
Fluid Delivery and Metering for Reaction-Injection Molding (76-WA/PID-19) (A) **Je 108**
Free Convection at Supercritical Pressures in Cryo-Fluid Helium 1 (76-WA/PID-14) (A) **Je 108**
Improved Cryogenic Processing—(Application of Multistage Turbo-Expander Design to Cryogenic Processes) (76-WA/PID-12) (A) **Je 107**
An Improved Mathematical Model for Continuous Blenders (76-WA/PID-18) (A) **Je 108**
LNG-Crude Oil Slurry Cryogenic Pipelines (76-WA/PID-8) (A) **Je 107**
Optimization of Helium Refrigerators for Superconducting Power Transmission Lines in Terms of Cost and Reliability (76-WA/PID-16) (A) **Je 108**
Optimized Expander Process in Operation in LNG Peak-shaving Plant (76-WA/PID-9) (A) **Je 107**
The Potential of Medium Purity Oxygen in Energy Conservation (76-WA/PID-7) (A) **Je 107**
Refrigeration for Forced-Cooled Large Superconducting Magnets (76-WA/PID-4) (A) **Je 106**
A Regenerative Compressor (76-WA/PID-22) (A) **Je 108**
Simple Techniques to Estimate Noise Levels Based on Manufacturer Equipment Data (76-WA/PID-21) (A) **Je 109**
Spontaneous Stratification in LNG Tanks Containing Nitrogen (76-WA/PID-6) (A) **Je 106**
Test Performance of a Cryogenic Distillation System for BWR Gaseous Radwaste Treatment (76-WA/PID-13) (A) **Je 108**
Thermal Testing of High Performance Cryogenic Envelope for Superconducting Power Cable (76-WA/PID-10) (A) **Je 107**
The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors (76-WA/PID-15) (A) **Je 107**

Process Noise Control
Process Noise Control: A Critical Application that Worked (77-RC-12) (A) **Ag 12, 109**

Process Operations
Design of Construction and Process Operations (CB) **Ja 115**

Processing Facilities
Safety and Health Considerations in Handling, Processing, and Storage Facilities of Refuse Derived Fuel (77-RC-11) (A) **Ag 108**

Proctor, C. L. Analysis of a Two-Link Fixed-Conveyor System with Multiple Poisson Inputs and Outputs (76-WA/MH-1) (A) **My 90**

Product Failure
Whose Fault Is It—The Operator's or the Product's? **N 82**

Product Liability
Halting Product Liability Costs (NB) **JI 69**
Making Safer Products, Avoiding High Liability Costs **JI 69**
Needed: A Definitive Approach to Product Liability **O 89**
Perspectives of the Legal System (77-DE-22) (A) **S 90**

Product Liability Investigations
A Method for Performing a Product Liability Investigation (77-DE-1) (A) **S 88**

Product Liability Prevention
Design for Product Liability Prevention (76-WA/Saf-1) (A) **Ap 95**

Product Safety
Development of a Training Program for Compliance with the Consumer Products Safety Act (77-RC-14) (A) **Ag 109**
New Career Paths in Engineering: Applications of Solar Energy **O 50**
New Career Paths in Engineering—Geothermal Energy **N 50**
New Career Paths in Engineering—Materials: The Stuff of Which Things Are Made **Ag 38**
New Career Paths in Engineering: Ocean Engineering **S 42**
New Career Paths in Engineering—Preparing for an Engineering Career **Ap 48**
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**

Product Safety and Liability
Product Safety and Product Liability: Return to Fundamentals (77-RC-9) (A) **Ag 108**

Product Safety Hazards
Product Safety Hazard Analysis (77-DE-2) (A) **S 88**

Product Safety Standards
Manufacturers' Response to Product Safety Standards (77-DE-4) (A) **S 88**

Products Pipeline Conversion
Conversion of a Products Pipeline to Crude Oil Batching Operation (77-Pet-19) (A) **D 106**

Production Engineering
The Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 1: Nonvibratory Feeding Systems (76-WA/Prod-38) (A) **JI 101**, Part 2: Vibratory-Bowl Feeding Systems (76-WA/Prod-39) (A) **JI 101**
Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) (A) **JI 99**
An Analysis for Plane Strain Plastic Deformation in Metal-Working Process (76-WA/Prod-16) (A) **JI 98**
Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) (A) **JI 100**
Assessment of Deep-Drawability and Stretchability by Bulge Test of Concentrically Grooved Metal Disks (76-WA/Prod-14) (A) **JI 98**
Cut-Forming: A New Method of Production Wire (76-WA/Prod-12) (A) **JI 97**
Declamination Wear of Dispersion-Hardened Alloys (76-WA/Prod-29) (A) **JI 100**
Deforming Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) (A) **JI 97**
Design of a Visoelastic Dynamic Absorbor for Machine Tool Applications (76-WA/Prod-20) (A) **JI 98**
Disk and Strip Forging for the Determination of Friction and Flow Strength Values (76-WA/Prod-7) (A) **JI 97**
On the Doubly Regenerative Stability of a Grinder: the Combined Effect of Wheel and Workpiece Speed (76-WA/Prod-19) (A) **JI 98**
On the Drawability of Sheet Metal in Noncircular Cups (76-WA/Prod-2) (A) **JI 96**
Dynamic Data System: A New Modeling Approach (76-WA/Prod-24) (A) **JI 99**
The Frictional Mechanism on the Surface of Metal Being Plastically Deformed by Drawing (76-WA/Prod-22) (A) **JI 98**
Group Scheduling Technique for Multiproduct, Multistage Manufacturing Systems (76-WA/Prod-27) (A) **JI 99**
High-Speed Films of the Incipient Cutting Process in Machining at Conventional Speeds (76-WA/Prod-26) (A) **JI 99**
Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) (A) **JI 98**
Influence of Flank Wear on the Stresses in a Cutting Tool (76-WA/Prod-30) (A) **JI 100**
Investigation of Spiking in Electron Beam Welding Using Stationary Stochastic Models (76-WA/Prod-10) (A) **JI 97**
Investigation of Surface Temperature in Electro-Discharge Machining (76-WA/Prod-8) (A) **JI 97**
On the Mechanics of Tapping by Cutting (76-WA/Prod-25) (A) **JI 99**
Natural Resting Aspects of Parts for Automatic Handling

(76-WA/Prod-40) (A) **JI 101**
Numerical Solution of a Deep Drawing Problem (76-WA/Prod-3) (A) **JI 96**
An Optimization Analysis of Machining Center (76-WA/Prod-34) (A) **JI 100**
Optimization of Cutting Conditions for Multi-Pass Operations Considering Probabilistic Nature in Machining Processes (76-WA/Prod-4) (A) **JI 96**
Optimum Design of Ribbon and Wire Wound Cylinders for Metal Forming Dies (76-WA/Prod-28) (A) **JI 99**
Properties of Reinforced Abrasive Disks in Flexure (76-WA/Prod-41) (A) **JI 101**
Rigidity Analysis and Optimization of Warren Beams in Torsion (76-WA/Prod-32) (A) **JI 100**
Sensing of Drill Wear and Prediction of Drill Life (76-WA/Prod-33) (A) **JI 100**
On the Solution of Three-Dimensional Metal-Forming Processes (76-WA/Prod-17) (A) **JI 98**
Stiffness of Machine Tool Joints: A Random-Process Approach (76-WA/Prod-23) (A) **JI 99**
Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-WA/Prod-9) (A) **JI 97**
Theoretical and Experimental Study of Workpiece Geometry in Electrochemical Machining (76-WA/Prod-6) (A) **JI 96**
Tool-Life Distributions—Part 1: Single-Injury Tool-Life Model (76-WA/Prod-36) (A) **JI 100**. Part 2: Multiple-Injury Tool-Life Model (76-WA/Prod-37) (A) **JI 100**
Tool Life Variation and its Influence on the Development of Tool Life Models (76-WA/Prod-1) (A) **JI 96**
Tool Wear in the Peripheral Milling of a Low Carbon Steel (76-WA/Prod-35) (A) **JI 100**
The Use of Linear Programming for Machinability Data Optimization (76-WA/Prod-5) (A) **JI 96**
On Wedge Indentation and its Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) (A) **JI 98**

Production Lines
Robotized Production Line (BTR) **My 51**

Production Processes
Production Processes: The Productivity Handbook (CB) **Ag 112**

Production Wells
Recently Developed Tools Aid in Stimulation of Production Wells (76-Pet-66) (A) **Ja 106**

Professional Development
ASME Adopts the CEU **F 79**
Martha "Washington" Receives Professional Development Certificate **F 126**

Professional Development Digest
Radioactive Waste Management Course **Ja 77**

Professional Development Program
ASME Short Courses (EN) **Ag 70**

Professional Engineer Exams
All You Wanted to Know About Taking P.E. Exams But Were Smart Enough Not to Ask! (PS) **Ap 77**

Professional Engineer Registration
More on Registration (C) **D 50**
On Professional Unity (C) **D 51**
P.E. Perspectives (C) **N 54**
Re: "P.E. Perspectives" (C) **D 50**
Registration (C) **D 51**

Professional Engineering Ethics
Beyond Galaxies (C) **S 45**

Professional Engineers
Engineers' Public Affairs Forum (NR) **My 64**
Engineers Ask Carter for a White House Energy Conference (NR) **Ap 69**
1976 Outstanding Engineering Achievements (NR) **Je 74**
Of Nuts, Bolts, and Ingenuity (C) **JI 48**
P.E. Registration—Where Did We Go Wrong? **S 29**
Program Set for Engineers Week (NR) **N 74**
Registration for Respect (C) **Je 51**
Who's an Engineer? (C) **S 47**

Professional Engineer's Exam
Professional Engineer's Examination-Questions and Answers (CB) **Ap 107**

Professional Ethics
Center for the Study of Ethics in Professions (EN) **Ja 75**

Professional Registration
Degree Discussion (C) **JI 49**
What Do You Think About Professional Registration? **Ja 84**

Professional Unions
More on Professional Unions (C) **F 56**

Professional Women
Need More Women in Environmental Health (EN) **F 76**

Professionalism
Last Word on Professionalism (C) **Mr 53**
The Importance of Responsible Dissent **JI 77**
Toward Credibility in Public Affairs (Ed) **S 17**
Unprofessional Display (C) **My 50**
Unwanted Benefactor (C) **Ag 44**
Where Our Values Lie (C) **O 56**

Profile Shapes
Inverse Computation of Profile Shapes for Given Transonic Flow-Configuration With and Without Detached Bow-Shocks in Two-Dimensional Turbomachinery Cascades (77-GT-33) (A) **Ag 97**

Program Planning
The Partitive Analytical Forecasting (PAF) Technique as an Aid in Long-Term Research and Development Program Planning (76-WA/Mgt-4) (A) **Je 104**

Programmable Calculators
Programmable Calculators Feature Solid-State Software (BTR) **O 66**

Project Control Systems
Large-Scale Computerization and Project Control Systems in the Design and Construction of Nuclear Power Plants (76-WA/Mgt-9) (A) **Je 105**

Project Independence
Energy Planning and Policy: The Political Economy (CB) **Ap 106**

Project Techniques
The People Side of Systems: The Human Aspects of Computer Systems (CB) **Ap 107**

Proof Testing
A Means of Assessing the Effect of Periodic Proof Testing and NDE on the Reliability of Cyclically Loaded Structures (77-PVP-44) (A) **D 104**

Propellant Transient Combustion
Numerical Solution of Solid Propellant Transient Combustion (77-HT-17) (A) **O 102**

Propeller Noise
Some Measured and Calculated Effects of Forward Velocity on Propeller Noise (77-GT-70) (A) **Ag 101**

Propulsion Gearing
Propulsion Gearing Transmission Systems for Guided Missile and Standard Frigates of the Royal Netherlands Navy (77-GT-67) (A) **Ag 101**

Propulsion Installations
COGOG Propulsion Installations in Guided Missile and Standard Class Frigates of the Royal Netherlands Navy (A review of the development from the specific design philosophies to the actual technical, personnel and maintenance/logistic management in service) (77-GT-68) (A) **Ag 101**

Propulsion System Integration
Engine Cycle Selection and Propulsion System Integration for Future High Performance Fighter Aircraft (77-GT-101) (A) **Ag 105**

Propulsion Systems
Life Cycle Cost as a Propulsion System Design Consideration (77-GT-99) (A) **Ag 104**
Torque Converter Spherical Wheel (76-WA/DE-8) (A) **Ap 96**

Prosthesis Simulator
An Electrohydraulic Knee-Torque Controller for a Prosthesis Simulator (76-WA/Bio-10) (A) **JI 102**

Prosthetic Heart Valves
Testing of Prosthetic Heart Valves (76-WA/Bio-3) (A) **JI 101**

Prosthetic Sphincter
Automatic Laser Gaging (BTR) **N 64**

Protective Headgear
Bioengineering Considerations in the Design of Protective Headgear (76-WA/Bio-8) (A) **JI 102**

Proton Synchrotron
New Proton Synchrotron (IF) **S 56**

Protopapas, J. Engine Cycle Selection and Propulsion System Integration for Future High Performance Fighter Aircraft (77-GT-101) (A) **Ag 105**

Prototype Carbon Dioxide Absorber
Development of a Prototype Regenerable Carbon Dioxide Absorber for Portable Life Support Systems (77-ENAs-54) (A) **N 100**

Prototype Engine Hardware
A High-Pressure, High-Temperature Combustor and Turbine-Cooling Test Facility (76-WA/GT-4) (A) **Mr 96**

Pseudo-Cylindrical Shells
Pseudo-Cylindrical Shells: A New Concept for Undersea Structures (76-WA/OcE-6) (A) **My 95**

Psychological Incentives
Legal and Psychological Incentives and Deterrents to Recyling (77-RC-6) (A) **Ag 108**

Public Affairs
Toward Credibility in Public Affairs (Ed) **S 17**

Public Health
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**

Public Policy Issues
Assessment of Public Policy for Coal Utilization in Pennsylvania Electric Utilities (76-WA/TS-5) (A) **My 88**
Public Policy Issues and the Application of Computer Technology (76-WA/TS-7) (A) **My 88**

Public Service Problems
Solving Public Service Problems Via Private Enterprise (NR) **My 62**

Public Relations
The P's and Q's of PR **Ja 86**

Public Works Programs
History of Public Works in the United States 1776-1976 (CB) **JI 106**

Puhl, G. T. A Comparison ECS Controls (77-ENAs-8) (A) **O 108**

Puishes, A. More on Professional Unions (C) **F 56**; On Professional Unity (C) **D 51**

Pulse Dampeners
A Compressor Manufacturer Looks at Pulse Dampeners (76-Pet-14) (A) **Ja 99**

Pulse-Jet Dust Collectors
Pulse-Jet Dust Collector (C) **JI 56**

Pulse Propagation
Pulse Propagation in Fluid-Filled Tubes (77-APM-7) (A) **S 94**

Pulse Reflection
Propagation of a Shock Wave Front Across a Curved Fluid-Solid Interface (76-WA/APM-9) (A) **Je 110**

Pulverizers
Nonpareil Pulverizer (BTR) **N 62**

Pulverizing
Combustion of Pulverized Solvent-Refined Coal (76-WA/Fu-6) (A) **Je 102**

Pump Applications
The Most Persistent Pump-Application Problem for Petroleum and Power Engineers (77-Pet-5) (A) **N 109**

Pump Casings
Construction and Preliminary Test of Fiber-Reinforced-Concrete Pump Casing (76-WA/PVP-11) (A) **Mr 101**

Pump Differential Pressure
The Prediction of Pump Differential Pressure for Two Phase/Two Component Compressible Flow (76-WA/HT-75) (A) **Je 116**

Pump Systems
Large Turnout for Pump Systems Course (EN) **Mr 78**

Pumps
Influence of Volute Surface Roughness on the Performance of a Centrifugal Pump (77-FE-8) (A) **S 100**
Mathematical Model of a Triplex Pump (76-Pet-95) (A) **F 138**
Modes and Operating Zones of Oscillatory Pumps (76-WA/FE-13) (A) **F 135**
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**
Quasi-Two-Dimensional Analysis of a Flow Through a Centrifugal Pump Impeller (77-FE-29) (A) **O 110**
Seawater Oil Transport Pumps (IF) **My 60**
The "Donut" Pump Comes To America! (BTR) **O 64**

Punwani, S. K. Planning the Facility for Accelerated Service Testing (77-RT-10) (A) **Ag 107**

Purcupile, J. C. Transition and Film Boiling Heat Transfer from Vertical Surfaces (77-HT-82) (A) **N 104**

Puri, A. Experimental Data on the Natural Frequency of a Tubular Array (77-FE-10) (A) **S 100**

Purohit, G. P. Subcooled Film-Boiling Heat Transfer from Spheres (77-HT-78) (A) **N 104**

Putman, A. A. The Use of Low-Energy Gas in the Petroleum Refining Industry (76-Pet-23) (A) **Ja 101**; Superturbulent Combustion Noise (76-WA/Fu-1) (A) **Je 102**

Putnam, D. F. Removal of Contaminant Gases from an Electrolytic Urine Pretreatment Process (77-ENAs-61) (A) **N 101**; Wash Water Reclamation Technology for Advanced Manned Spacecraft (77-ENAs-50) (A) **N 100**

Q

Quadratic Damping
Design of Impact Absorber with Quadratic Damping

(76-WA/DE-12) (A) **Mr 104**

Quality Assurance

Nuclear Power Plant Quality Assurance—Palliative or Panacea? (77-RC-10) (A) **Ag 108**

Quality Assurance and Quality Control in Pressure Vessel Fabrication (77-PVP-22) (A) **N 107**

Quality Assurance for Nuclear Power Plant Components **My 78**

Quality Assurance in R&D (77-DE-10) (A) **S 89**

Quality Assurance Manual

A Practical Quality Assurance Manual (77-PVP-20) (A) **N 107**

Quality Control

Defect Traceability—An Effective Tool for Improved Quality Control (77-DE-29) (A) **S 92**

Quasi-Steady Flow

Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) (A) **JI 93**

Quality Steam

Laminar Throughflow of Quality Steam Between Corotating Disks (76-WA/FE-41) (A) **F 138**

Quasi-Two-Dimensional Analysis

Quasi-Two-Dimensional Analysis of a Flow Through a Centrifugal Pump Impeller (77-FE-29) (A) **O 110**

Quick, R. S. Elections to Fellow Grade **N 95**

Quinn, H. E. Electrification and New Electric Locomotive Designs (76-WA/RT-7) (A) **Mr 94**

Quintiere, J. A Scaling Study of a Corridor Subject to a Room Fire (77-HT-72) (A) **N 102**

Quintuplex Finned Tubes

Heat Transfer, Pressure Drop, and Performance Evaluation of a Quintuplex Internally Finned Tube (77-HT-46) (A) **O 105**

R

Rabinowitz, M. D. Stability of Squeeze-Film-Damper Supported Flexible Rotors (77-GT-51) (A) **Ag 99**, Steady-State Performance of Squeeze Film Damper Supported Flexible Rotors (77-GT-52) (A) **Ag 99**

Rabl, A. Development of Compound Parabolic Concentrators for Solar Thermal Applications (76-WA/Sol-11) (A) **F 132**

Racist Discrimination

President's Page Reactions (C) **My 50**

Radcliffe, C. W. *(recipient)* Machine Design Award **Ja CR-7**

Rader, P. C. Lime/Limestone Air Quality Control Systems: Effect of Magnesium on System Performance (76-WA/APC-10) (A) **Ap 103**

Radford, R. W. Wheel/Rail Vertical Forces in High-Speed Railway Operation (77-RT-1) (A) **Ag 106**

Radial Blanket Assembly

Heat Transfer Tests of an Electrically Heated 7-Rod Mock-up of an LMFBR Radial Blanket Assembly (76-WA/HT-80) (A) **Je 116**

Radial Inflow Turbines

Cooling Considerations for Design of a Radial Inflow Turbine (77-GT-82) (A) **Ag 103**

Computation of the Temperature Distribution in Cooled Radial Inflow Turbine Guide Vanes (77-GT-83) (A) **Ag 103**

Radial Turbines

High-Temperature Potential of Uncooled Radial Turbines (77-GT-46) (A) **Ag 98**

A Study of an Advanced Automotive Radial Turbine—A Design Procedure Considering Rotor Loss Distributions and Exit Flow Patters (77-GT-6) (A) **JI 92**

Radiant Boilers

A MHD Simulation Test Facility for Investigating the Thermal Properties of a Slag/Seed Coated Radiant Boiler and Superheater for a 2000-MWt MHD Power Plant (77-HT-64) (A) **N 101**

Radiant Transmittance

Radiant Transmittance of V-Corrugated Transparent Sheets with Application to Solar Collectors (76-WA/Sol-1) (A) **F 130**

Radiation

An Approximate Solution for the Energy Equation with Radiant Participating Media (77-HT-70) (A) **N 102**

Radiation from a Methanol Furnace (77-HT-14) (A) **O 101**

Remote Surgery Anyone? (BTR) **Ag 46**

Radiation Augmented Fires

Radiation Augmented Fires Within Enclosures (77-HT-98) (A) **N 105**

Radiation Data

Intraregional Variation of Radiation Data and Applications for Solar Simulation (76-WA/Sol-9) (A) **F 131**

Radiation Heat Transfer

Radiation Heat Transfer in Molecular-Gas Filled Enclosures (77-HT-16) (A) **O 101**

Radiative Exchange Factors

Determination of Three-Dimensional Radiative Exchange Factors for the Space Shuttle by Monte Carlo (77-HT-49) (A) **O 105**

Radiative Heat Flux

A General Formulation and Analytical Solutions for Multi-Dimensional Radiative Transfer in Nongray Gases (77-HT-51) (A) **O 106**

Radiative Heat Transfer

Combined Conductive and Radiative Heat Transfer in an Absorbing and Scattering Medium (77-HT-50) (A) **O 105**

Radiative Transfer

Radiative and Convective Transfer for Real Gas Flow Through a Tube with Specified Wall Heat Flux (77-HT-13) (A) **O 101**

Radioactive Waste

Aborting the Plutonium Age (BTR) **My 55**

Better Burial for Low-Level Rad Waste? (ES) **Mr 22**

Into the Sun (C) **Mr 51**

New York State Doesn't Want Rad Waste (ES) **Mr 22**

Not So Fast (C) **My 49**

Radioactive Waste Converted to Glass (BTR) **D 61**

Radioactive Waste Management Course **Ja 77**

Rocky Rocket Reasoning? (C) **O 57**

Of Spaceflight and Letter-Writing (C) **D 53**

On Sun-Bound Wastes (C) **Ag 42**

Test Performance of a Cryogenic Distillation System for BWR Gaseous Radwaste Treatment (76-WA/PID-13) (A) **Je 108**

Radiochemistry

Radiochemical Evaluation of Babcock and Wilcox's Commercial Pressurized Water Reactor Fuel Performance (76-WA/NE-19) (A) **Ap 95**

Radwaste Packaging Disposal

Philosophy and Practice of Radwaste Packaging and Disposal: A Discussion of the Improved Containerization Alternative (76-JPGC-NE-12) (A) **Ja 113**

Radwaste Treatment

Radwaste Treatment Study for a Once-Through Steam Generator Cleaning Solution (76-WA/NE-6) (A) **Ap 92**

The Role of Volume Reduction Processes in LWR Radwaste Treatment (76-WA/NE-5) (A) **Ap 92**

Radway, J. E. SO Control in Steam Generator Emissions (76-WA/APC-9) (A) **Ap 104**

Rafat, N. M. Fuel Spray Trajectory in Diesel Engines (77-DGP-1) (A) **D 100**

Ragab, A. R. Stress Relaxation of a Thick-Walled Tube Shrunk Inside a Rigid Sheet (77-DE-42) (A) **S 93**

Raghavacharyulu, E. Jump Phenomena in Cam-Follower Systems—A Continuous-Mass-Model Approach (76-WA/DE-26) (A) **Mr 105**

Ragsdell, K. M. The Circuit Breaker—A Practical Example in Engineering Optimization (77-DET-7) (A) **D 101**; Simulation of a Two Cylinder Compressor for Discharge Gas Pressure Oscillation Prediction (76-WA/FE-10) (A) **F 135**

Rahnke, C. J. Reliability and Durability of Ceramic Regenerators in a Gas Turbine (77-GT-59) (A) **Ag 100**

Rail Life

Estimating Effect of Heavy Wheel Loads on Rail Life Roller Bearing Analogy (77-RT-9) (A) **Ag 107**

Rail Transportation

Application of Simulation Cost Modelling to Railroad Roller Bearing Usage (77-RT-7) (A) **Ag 107**

A Comparison of the Stress Levels in One- and Two-Wear 36-In.-Diameter Wheels Under Simulated Service Loads (77-RT-13) (A) **Ag 107**

Computational Methods for the Prediction of Truck Performance in Curves (76-WA/RT-15) (A) **Mr 96**

Controlling Slack Action in a Unit Train (77-RT-12) (A) **Ag 107**

Development of a Real Time Computer Oriented Locomotive Maintenance Program (76-WA/RT-10) (A) **Mr 94**

Development of a Simulation Methodology for Optimizing Locomotive Suspension Systems (77-RT-6) (A) **Ag 107**

Dynamic Simulation of Freight Car and Lading During Impact (77-RT-3) (A) **Ag 106**

Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) (A) **Ag 106**

Effects of Truck Design on Hunting Stability of Railway Vehicles (76-WA/RT-1) (A) **Mr 94**

Electrification and New Electric Locomotive Designs (76-WA/RT-7) (A) **Mr 94**

Establishing Working Procedures for the Selection of Railroad Freight Car Trucks (76-WA/RT-8) (A) **Mr 94**

Estimating Effect of Heavy Wheel Loads on Rail Life Roller Bearing Analogy (77-RT-9) (A) **Ag 107**

Finite Element Track Buckling Model (77-RT-5) (A) **Ag 107**

Graphical Output-Oriented Computer Model of a Railroad Freight Car With Conventional Trucks (77-RT-11) (A) **Ag 107**

Improvement of Coupling-up Performance in Automatic Marshalling Yards: A Simulation (77-RT-8) (A) **Ag 107**

Influence of Axle Load, Track Gauge, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) (A) **Mr 94**

Influence of Nonlinear Wheel/Rail Contact Geometry on Stability of Rail Vehicles (76-WA/RT-2) (A) **Mr 94**

Laboratory Techniques for Quantifying the Performance of Rail Vehicles Utilizing Servo-Controlled Hydraulic Vertical Actuators (76-WA/RT-5) (A) **Mr 94**

A Mathematical Simulation of the Curve Entry and Curve Negotiation Dynamics of Flexible Two Axle Railway Trucks (76-WA/RT-14) (A) **Mr 96**

A Method of Field Testing and Data Reduction to Determine Forces Acting on a Freight Car in Revenue Service (76-WA/RT-9) (A) **Mr 95**

A New Look at Subcritical Quenching (SCT) for Fatigue Strength Improvement (77-RT-4) (A) **Ag 106**

Performance Characteristics of Freight-Car Trucks Determined Through Road Testing (76-WA/RT-4) (A) **Mr 94**

Planning the Facility for Accelerated Service Testing (77-RT-10) (A) **Ag 107**

Progress in Rail Transportation **My 44**

Progress in Railway Mechanical Engineering 1975–1976 Report of Survey Committee Locomotives (76-WA/RT-6) (A) **Mr 94**; (76-WA/RT-12) (A) **Mr 95**

The Sliding Sill Underframe in Impact Situations (76-WA/RT-13) (A) **Mr 96**

Thermal Patterns in 36-Inch Freight Car Wheels During Service Tests (76-WA/RT-11) (A) **Mr 95**

Wheel/Rail Vertical Forces in High-Speed Railway Operation (77-RT-1) (A) **Ag 106**

Rail Vehicle Suspension

Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) (A) **Ag 106**

Railroad Cars

Dynamic Simulation of Freight Car and Lading During Impact (77-RT-3) (A) **Ag 106**

Railroad Freight Cars

Graphical Output-Oriented Computer Model of a Railroad Freight Car With Conventional Trucks (77-RT-11) (A) **Ag 107**

Railroad Roller Bearings

Application of Simulation Cost Modelling to Railroad Roller Bearing Usage (77-RT-7) (A) **Ag 107**

Railroad Trains

Controlling Slack Action in a Unit Train (77-RT-12) (A) **Ag 107**

Railroads

Railroads in the Electronics Age (NR) **Je 71**

On the Right Track? (C) **JI 48**

Railway Operation

Wheel/Rail Vertical Forces in High-Speed Railway Operation (77-RT-1) (A) **Ag 106**

Railway Traction

Locomotion: A World Survey of Railway Traction (CB) **F 144**

Rain Erosion

Aerothermal and Rain Erosion Behavior of Selected Candidate Plastic Radome Materials in Mach 5 Sled Tests (77-ENAs-16) (A) **N 96**

Rain Erosion Considerations for Launch Vehicle Insulation Systems (77-ENAs-15) (A) **O 109**

Raj, R. A Theoretical Investigation on the Structure of Fan Wakes (76-WA/FE-22) (A) **F 136**

Rajagopal, S. Properties of Reinforced Abrasive Disks in Flexure (76-WA/Prod-41) (A) **JI 101**

Rajaram, S. Air Mixing in a Model Lung Alveolus

(77-Bio-4) (A) **S 98**

Rajpaul, V. K. Dynamic Analysis Environmental Control Systems the "EASY" Way (77-ENAs-6) (A) **O 108**

Rakes, S. L. Development of the Chemically Active Fluid Bed Process. A Status Report and Discussion (76-JPGC-Fu-4) (A) **Ja 111**

Ramalingam, S. Tool-Life Distributions—Part 1: Single-Injury Tool-Life Model (76-WA/Prod-36) (A) **JI 100**. Part 2: Multiple-Injury Tool-Life Model (76-WA/Prod-37) (A) **JI 100**

Ramberg, S. E. Added Mass and Damping Forces on Circular Cylinders (76-Pet-3) (A) **Ja 98**

Rambo, C. L. Improved Cryogenic Processing—(Application of Multistage Turbo-Expander Design to Cryogenic Processes) (76-WA/PID-12) (A) **Je 107**

Rameo, R. A. Quality Assurance and Quality Control in Pressure Vessel Fabrication (77-PVP-22) (A) **N 107**

Ramey, D. G. Measurements of Torsional Dynamic Characteristics of The San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) (A) **Ja 109**

Ramm, H. Combined Forced and Free Laminar Convection in Vertical Rod Bundles with Longitudinal Flow (77-HT-44) (A) **O 105**

Ramsey, J. W. Experimental Evaluation of a Cylindrical Parabolic Solar Collector (76-WA/HT-13) (A) **My 99**

Randolph, V. Deep Water Pipe-Lay Stresses (76-Pet-79) (A) **Ja 107**

Random Algorithms

The Use of a Random Algorithm for Dynamic Optimization of Mechanisms (76-WA/DE-22) (A) **Ap 99**

Random Boundary Excitation

Transient Response of a Shear Beam to Correlated Random Boundary Excitation (77-APM-24) (A) **S 96**

Random Pertubation

Optimization by Random Pertubation Method with Systematic Reduction of Search Region (77-DET-9) (A) **D 102**

Random Process Surface Model

Stiffness of Machine Tool Joints: A Random Process Approach (76-WA/Prod-23) (A) **JI 99**

Random Vibration Analysis

A Computerized Method for Flow-Induced Random Vibration Analysis of Nuclear Reactor Internals (76-WA/PVP-12) (A) **Mr 101**

Rankine Cycle Turbine

Simulation and Operation of a Solar Powered Organic Rankine Cycle Turbine (76-WA/Sol-18) (A) **Mr 103**

Rao, J. S. Jump Phenomena in Cam-Follower Systems a Continuous-Mass-Model Approach (76-WA/DE-26) (A) **Mr 105**

Rao, M. S. Thermal Stresses in Heat-Treated Fibrous Composites (76-WA/APM-13) (A) **JI 103**

Rao, S. S. Optimum Design of Bridge Girders of Electric Overhead Travelling Cranes (76-WA/DE-28) (A) **Ap 100**

Rao, V. D. Variable Power Turbine Nozzle System Mechanical Development (77-GT-105) (A) **Ag 105**

Rao, Y. V. N. Influence of Volute Surface Roughness on the Performance of a Centrifugal Pump (77-FE-8) (A) **S 100**. Quasi-Two-Dimensional Analysis of a Flow Through a Centrifugal Pump Impeller (77-FE-29) (A) **O 110**. Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) (A) **S 99**

Rapid Cycling Solutions

A Theoretical and Experimental Investigation of Creep Problems With Variable Temperature (76-WA/APM-25) (A) **JI 104**

Rapid Transit

A New Light Rail System (NB) **Ag 67**

Ratchetting

Development of Simplified Analysis Methods for Ratchetting and Creep-Fatigue—A Status Report (76-WA/PVP-19) (A) **Mr 102**

Raudsepp, E. How JUNG Classifies Managers **O28**

Raulins, G. M. Emergency Shutdown Systems—Evolution and Status (76-Pet-102) (A) **F 139**

Ray, C. D. Investigation of Low-Temperature Carbon Monoxide Oxidation Catalysts (77-ENAs-28) (A) **N 98**

Ray, D. State-of-the-Art Computer Software Piping Analysis According to Section III of ASME B&PB Code (76-WA/PVP-18) (A) **Mr 102**

Ray Theory

Propagation of a Shock Wave Front Across a Curved Fluid-Solid Interface (76-WA/APM-9) (A) **Je 110**

Raymond, B. On Shortages (C) **D 53**

Raymond, Gwynne Elections to Fellow Grade **N 95**

Raymond, R. J. A Difference of Attitude (C) **O 55**

Raynen, J. Surface Cracks in Cylinders During Thermal Shock (77-PVP-5) (A) **N 106**

Razgaitis, R. A. Influence of Cone Design Upon Liquid Engrainment Separation for a Steam Cyclone Separator (76-WA/Pwr-6) (A) **F 133**

Razinksy, E. H. Aerothermodynamic Performance of a Variable Nozzle Power Turbine Stage for an Automotive Gas Turbine (77-GT-95) (A) **Ag 104**

Rea, M. An Investigation of the Physical Properties of Fly-Ash Influencing the Performance of Electrostatic (76-WA/APC-4) (A) **Ap 103**

Reaction-Injection Molding

Fluid Delivery and Metering for Reaction-Injection Molding (76-WA/PID-19) (A) **Je 108**

Reactive Gases

Aerothermochemistry of Metal Erosion by Hot Reactive Gases (77-HT-12) (A) **O 101**

Reactor Safety

Reactor Safety: A Basic Understanding for the Mechanical Engineer (NR) **Ja 71**

Reactor Trip

Prediction of the CRBRP Outlet Plenum Transient Response Following a Reactor Trip (77-HT-30) (A) **O 103**

Reactor Vessels

Stress Intensity Factors for Reactor Vessel Nozzle Cracks (77-PVP-30) (A) **D 102**

Reactors

An Approach for Determining the Impact of Peak Coolant Temperature on Fusion Reactor Size and Electricity Costs (77-HT-73) (A) **N 103**

PEPR/ITR (ES) **Je 25**

Reactors (BWR)

Test Performance of a Cryogenic Distillation System for BWR Gaseous Radwaste Treatment (76-WA/PID-13) (A) **Je 108**

Thin-Film Evaporators for Processing BWR Liquid Radwaste (76-WA/NE-4) (A) **Ap 92**

Reactors (CRBR)

CRBR: What it Will and Won't Do **D 88**

Reactors (CRBRP)

Effective Boiler Feed Control for Test Loops (76-WA/NE-15) (A) **Ap 94**

Reactors (HTGR)

Design of an Optimal Total Energy System for a Large Military Installation (76-WA/HT-46) (A) **Je 112**

The Design of Turbomachinery for the Gas Turbine (Direct Cycle) High Temperature Gas Cooled Reactor Power Plant (77-GT-38) (A) **Ag 97**

Feedwater Chemistry Requirements for HTGR Steam Generator Operation (76-WA/NE-13) (A) **Ap 94**

Hydroretorting of Oil Shale and Nuclear Process Heat (76-WA/Ener-3) (A) **Ap 105**

Primary System Design Studies for Advanced Direct Cycle Nuclear Gas Turbine Nuclear Gas Turbine Plant (77-GT-25) (A) **Ag 96**

Transient Analysis of a Permeable Thermal Barrier System (77-DE-24) (A) **S 91**

Reactors (LMFBR)

Duplex Bayonet Tube Steam Generator for Liquid Metal Fast Breeder Reactor Application (76-JPGC-NE-6) (A) **Ja 112**

EBR-II Ten Years Later **Ja 33**

Economical Removal of Sodium Water Reaction Products (SWRP) from an LMFBR Intermediate Heat Transport System (IHTS) (76-WA/HT-71) (A) **Je 115**

Heat Transfer Tests of an Electrically Heated 7-Rod Mock-Up of an LMFBR Radial Blanket Assembly (76-WA/HT-80) (A) **Je 116**

Interferometric Investigation of Turbulently Fluctuating Temperature in an LMFBR Outlet Plenum Geometry (76-WA/HT-82) (A) **Je 117**

Matrix Steam Generator for LMFBR Service (76-JPGC-NE-8) (A) **Ja 112**

70-MW(t) LMFBR Steam Generator Test Facility (76-JPGC-NE-3) (A) **Ja 112**

Sodium-Heated Evaporator Critical Heat Flux Experiments at Subcritical Pressure Conditions for Commercial LMFBR Plant Application (76-JPGC-NE-10) (A) **Ja 112**

Sodium Heated Steam Generator Tube Wastage Due to Water/Steam to Sodium Leaks—Theory and Correlation (76-WA/HT-77) (A) **Je 116**

Structural and Thermal-Hydraulic Design of a Sodium Heated Duplex Bayonet Tube Steam Generator (76-WA/HT-74) (A) **Je 116**

A Study of the Density Interface in a Stratified LMFBR Outlet Plenum (77-HT-23) (A) **O 103**

Validation of Turbulence Models for LMFBR Outlet Plenum Flows (77-HT-34) (A) **O 103**

Reactors (PWR)

Building and Equipment Seismic Response for PWR Plants (76-WA/PVP-14) (A) **Mr 101**

Critical Heat Flux in PWR Fuel Assemblies (77-HT-92) (A) **N 105**

Effect of Rod Bowing on CHF in PWR Fuel Assemblies (77-HT-91) (A) **N 105**

Functional Performance of a Two-Tube Helically-Coiled Once-Through Steam Generator (76-WA/HT-69) (A) **Je 115**

PWR Secondary System Chemistry During Air and Cooling Water Inleakage (76-WA/NE-14) (A) **Ap 94**

Radiochemical Evaluation of Babcock and Wilcox's Commercial Pressurized Water Reactor Fuel Performance (76-WA/NE-19) (A) **Ap 95**

Read, G. W. Low Reynolds Number Flow in Plate Wakes (76-WA/HT-30) (A) **Je 110**

Real-Time Computers

Development of a Real Time Computer Oriented Locomotive Maintenance Program (76-WA/RT-10) (A) **Mr 94**

A Real-Time Analogue Computer Simulation of a Turbocharged Diesel Engine (76-WA/DGP-1) (A) **Ap 100**

Rebelo, N. M. *(recipient)* Calvin W. Rice Memorial Scholarship **Ja 91**

Reciprocating Compressor Piping

Analysis of Pressure Pulsation in Reciprocating Compressor Piping Systems by Analog and Digital Simulation (76-WA/DGP-3) (A) **Ap 100**

Reclaimer Gantry Cone

Finite Element Analysis of Reclaimer Gantry Cone (76-WA/MH-2) (A) **My 90**

Rectangular Cavities

Numerical Study of Transient and Steady Induced Symmetric Flows in Rectangular Cavities (77-FE-17) (A) **O 110**

Rectangular Ducts

A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (77-FE-4) (A) **S 99**

Rectangular Plates

A Comprehensive Free Vibration Analysis of Rectangular Plates with Two Opposite Edges Simply Supported (76-WA/DE-13) (A) **Mr 105**

Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) (A) **S 96**

Flow-Induced Bending of Rectangular Plates (77-APM-14) (A) **S 95**

Rectangular Tubesheets

Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) (A) **F 133**

Recycling

Legal and Psychological Incentives and Deterrents to Recycling (77-RC-6) (A) **Ag 108**

Recycling Plants

Massive Recycling (BTR) **O 66**

Reddy, V. S. Economical Generation of Three-Dimensional Finite Element Grids (77-PVP-26) (A) **N 107**

Redundant Muscles

Graphical Interpretation of the Solution to the Redundant Problem in Biomechanics (77-Bio-1) (A) **S 98**

Redundant Reeving Hoist

Dynamic Testing of a Redundant Reeving Hoist (76-WA/DE-6) (A) **Mr 104**

Reed, L. D. Low Knudsen Number Creeping Motion of Two Touching Spheres (76-WA/APM-28) (A) **JI 104**

Reed, R. D. Fired Heater Design, Operation and Maintenance for Maximum Efficiency (77-Pet-1) (A) **N 108**

Reed, K. Development of Compound Parabolic Concentrators for Solar Thermal Applications (76-WA/Sol-11) (A) **F 132**

Reese, J. C. Prediction of the CRBRP Outlet Plenum Transient Response Following a Reactor Trip (77-HT-30) (A) **O 103**

Reeves, G. B. Design and Performance of Selected Pipe-Type Diffusers (77-GT-104) (A) **Ag 105**

Refactory Concretes

Utilization of Refractory Concretes in Refining and Petrochemical Operations (77-Pet-35) (A) **D 107**

Reference Materials Systems

Systems Framework for Materials Policy (76-WA/TS-2) (A) **My 88**

Refineries

Energy Conservation-Steam Management in a Refinery

(76-Pet-73) (A) **Ja 106**
The Use of Low-Energy Gas in the Petroleum Refining Industry (76-Pet-23) (A) **Ja 101**
Refining
Utilization of Refractory Concretes in Refining and Petrochemical Operations (77-Pet-35) (A) **D 107**
Reflector Assemblies
Performance of Flat-Plate Collectors with Planar Reflectors (76-WA/HT-27) (A) **My 100**
Reflectors
Making Driving Safer (BTR) **Je 57**
Reflood Heat Transfer
Prediction of Reflood Heat Transfer with Standard Loop Programs (76-WA/HT-54) (A) **Je 113**
Refrigeration
The Economics and Requirements of the Helium Refrigerator System for Superconducting Power Transmission Application— (76-WA/PID-3) (A) **Je 106**
Optimized Expander Process in Operation in LNG Peak-shaving 9 Plant (76-WA/PID-9) (A) **Je 107**
Refrigeration for Forced-Cooled Large Superconducting Magnets (76-WA/PID-4) (A) **Je 106**
Refrigerators
New Helium Refrigerator (NB) **Ag 67**
Optimization of Helium Refrigerators for Superconducting Power Transmission Lines in Terms of Cost and Reliability (76-WA/PID-16) (A) **Je 108**
Refuse Firing
Corrosion and Deposits From Combustion of Solid Waste Part V: Firing of Refuse with High-Sulfur Coal (76-WA/CD-1) (A) **My 91**
Refuse Incineration
Energy from Refuse (IF) **S 56**
Refused Derived Fuel
Safety and Health Considerations in Handling, Processing, and Storage Facilities of Refuse Derived Fuel (77-RC-11) (A) **Ag 108**
Regenerative Compressors
A Regenerative Compressor (76-WA/PID-22) (A) **Je 108**
Regenerative Gas Turbines
Small Regenerative Gas Turbine Design and Development at MTU (77-GT-103) (A) **Ag 105**
Regenerative Heat Exchangers
Thermal Analysis Techniques for Regenerative Heat Exchanger Simulation (76-WA/HT-7) (A) **My 98**
Regenerative Life Support
Development Status of a Preprototype Water Electrolysis System (77-ENAs-34) (A) **N 98**
Preliminary Design of a Preprototype Water Quality Monitor (77-ENAs-36) (A) **N 99**
Regenerative Life Support Evaluation (77-ENAs-35) (A) **N 98**
Regenerative Steam Engines
Regenerative Steam Engine (BTR) **Ag 46**
Regenerator Core Materials
Aluminous-Keatite—An Improved Rotary Ceramic Regenerator Core Material (77-GT-60) (A) **Ag 100**
Regenerators
Selection of a High-Efficiency Regenerator for Pipeline Gas Turbines (77-GT-39) (A) **Ag 97**
Regulation and Compliance
Dare You Ride Your Snowmobile? (77-RC-13) (A) **Ag 108**
Development of a Training Program for Compliance with the Consumer Products Safety Act (77-RC-14) (A) **Ag 109**
Economic Impact of a 90-dBA Noise Standard on Textile Spinning Operations (77-RC-15) (A) **Ag 108**
Engineers Fear Further Regulations—Compliance Becomes Increasingly Difficult **JI 82**
The Environmental Impact Statement Expectations and Results (77-RC-2) (A) **Ag 108**
Evaluation of the Performance for a Pneumatic Trash Collection System (77-RC-1) (A) **Ag 108**
Hazards and Materials Compatibility of Ammonia for Power Applications (77-RC-4) (A) **Ag 108**
High-Speed Portable Grinding Safety (77-RC-3) (A) **Ag 108**
Industrial Truck Safety and Reliability Considerations (77-RC-7) (A) **Ag 108**
Legal and Psychological Incentives and Deterrents to Recycling (77-RC-6) (A) **Ag 108**
Noise Control by Regulation—An Engineering Challenge (77-RC-16) (A) **Ag 109**
Nuclear Power Plant Quality Assurance—Palliative or Panacea? (77-RC-10) (A) **Ag 108**
Process Noise Control: A Critical Application that Worked (77-RC-12) (A) **Ag 109**
Product Safety and Product Liability: Return to Fundamentals (77-RC-9) (A) **Ag 108**
Safety and Health Considerations in Handling, Processing, and Storage Facilities of Refuse Derived Fuel (77-RC-11) (A) **Ag 108**
Safety Regulation—A Part of the Design Process (77-RC-17) (A) **Ag 109**
Work-Rated Hoist Selection (77-RC-8) (A) **Ag 108**
Registered Professional Engineers
An Engineer for EPA (NR) **Mr 74**
Rehabilitation
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**
Reich, M. Assessment of a Nonlinear Structural Analysis Finite Element Program (NONSAP) For Inelastic Analysis (77-PVP-10) (A) **N 106**, Determination of Burst Pressures for Cracked Steam Generator Tubes (77-PVP-31) (A) **D 102**
Reihman, T. C. Particulate Deposition in Direct Fired MHD Air Preheaters (77-HT-65) (A) **O 107**, Thermal Analysis Techniques for Regenerative Heat Exchanger Simulation (76-WA/HT-7) (A) **My 98**
Reinforced Plastics
Reinforced Plastics Reach New Heights (NB) **Ap 70**
Reinhard, K. G. Turbine Damage by Solid Particle Erosion (76-JPGC-Pwr-15) (A) **Ja 110**
Reisinger, R. R. Work-Rated Hoist Selection (77-RC-8) (A) **Ag 108**
Reistad, G. M. Natural Convection Heat Transfer Models for Downhole Heat Exchanger Applications in Shallow Geothermal Systems (77-HT-55) (A) **O 106**
Reiter, U. Considerations Concerning the Layout of Nuclear Helium Turbine Power Plants With Optimum (77-GT-79) (A) **Ag 102**
Reiter, W. F., Jr. Dimensional Analysis and Scaling of the Aerodynamic Noise Produced by Idling Circular Saw Blades (76-WA/DE-11) (A) **Mr 104**
Relaxation Models
Post-CHF Heat Transfer: A Non-Equilibrium, Relaxation Model (77-HT-79) (A) **N 104**
Reliability & Maintainability
Reliability & Maintainability (NR) **Mr 70**
Relief Valves
The Effect of Particulate Contaminants on the Static Characteristics of Fluid Power Relief Valves (77-DE-20) (A) **S 90**
Rembold, U. *(author)* Computers in Manufacturing (CB) **0 113**
Remote Manipulators
Remote Surgery Anyone? (BTR) **Ag 46**
Remotely Piloted Vehicles
Army's Aquila in Automatic Flight (BTR) **F 63**
Rensselaer Polytechnic Institute
RPI Awarded Grant for Composite Materials (EN) **Mr 78**
Renton, W. J. Analysis of Adhesively Bonded Joints Between Panels of Composite Materials (77-APM-1) (A) **S 94**
Representative Shuttle Environmental Control System
A Representative Shuttle Environmental Control System (77-ENAs-25) (A) **N 97**
Reprocessing
Refocusing on "Reprocessing" (C) **Mr 53**
Repulsive Magnetic Bearings
The Development of a Repulsive Magnetic Bearing (76-WA/Aut-7) (A) **My 93**
Research
Research and American Industrial Development: A Bicentennial Look at the Contributions of Applied R&D (CB) **F 144**
Research & Development
A Boost for Pressure Vessel Research (NR) **Ja 73**
ERDA May Reroute Photovoltaic R&D (ES) **N 20**
Establishing Concrete R&D Payback Criteria to Increase Cost Effectiveness of R&D Operations (77-DE-25) (A) **S 91**
Increased R&D Economic Growth (NR) **D 70**
New Tribology R & D Plan Underway **My 79**
Quality Assurance in R&D (77-DE-10) (A) **S 89**
R & D on Gas Supply and Conservation (ES) **O 27**
Research and American Industrial Development: A Bicentennial Look at the Contributions of Applied R&D (CB) **F 144**
Solar Industry Growth Hinges on Federal Support of Research & Development (NR) **F 70**
What's Wrong with Fusion R & D? (ES) **Ag 18**
Why Analyze R & D Needs? **D 22**, **N 24**
Research Goals and Priorities
Activities and Accomplishments of the Task Force on Design, Materials and Manufacturing Research (76-WA/RGPC-3) (A) **JI 96**
Energy Conversion Research—An Assessment of Need in the U.S.A. (76-WA/RGPC-6) (A) **JI 95**
Environmental and Conservation Research Needs in the Eighties (76-WA/RGPC-2) (A) **JI 96**
Fundamental Research Needs: A Status Report of the Task Force on Fundamental Research (76-WA/RGPC-5) (A) **JI 96**
A Professional Society's Contribution to National Research Goals and Priorities Planning (76-WA/RGPC-1) (A) **JI 95**
Transportation Research Goals and Priorities for ASME: A Preliminary Report (76-WA/RGPC-4) (A) **JI 96**
Research Grants
Engineering Foundation Research Grants (EN) **O 81**
NSF Grant (EN) **O 81**
Research Programs
Joint U.S.-Soviet Research Program (EN) **D 74**
Research Safety Vehicles
Front Barrier Protection at 50 MPH (BTR) **Je 57**
Reservoir Performance
The Estimation of Aquifer Properties from Reservoir Performance in Water-Drive Fields (76-Pet-49) (A) **Ja 103**
Reservoir Rock
Analytical and Experimental Investigations on Induced Fracturing of Reservoir Rock (76-Pet-8) (A) **Ja 99**
Reservoirs
Instability of Elastically Suspended Tainter-Gate System Caused by Surface Waves on the Reservoir of Dam (77-FE-25) (A) **O 110**
Residential Dwellings
A Data Acquisition, Performance Evaluation and Monitoring System for Solar Heated/Cooled Residential Dwellings (76-WA/Sol-13) (A) **Mr 102**
Residential Heat Loss
Airborne Infrared Scans Residential Heat Loss (BTR) **Ap 53**
Residential Heating Systems
Design Criteria for Reducing Pollutant Emissions and Fuel Consumption by Residential Oil-Fueled Combustors (76-WA/Fu-10) (A) **Je 103**
Improvement of Seasonal Efficiency of Residential Heating Systems (76-WA/Fu-7) (A) **Je 103**
Oil Conservation in Home Heating (76-WA/Fu-8) (A) **Je 103**
Residual Fuel Oil
Recent Practices in Handling the Products of Combustion from Venezuelan Residual Fuel Oil (76-JPGC-Pwr-9) (A) **Ja 110**
Residual Stress
The Crack-Contact and the Free-End Problem for a Strip Under Residual Stress (77-APM-3) (A) **S 94**
Resilient Face Masks
Breathing Dynamics of a Diver Face Mask Fitted With a Demand Regulator (77-DE-30) (A) **S 92**
Resonance
Primer on Transient Analysis of Complex Structures at Resonance (77-WA/DE-10) (A) **Mr 104**
Resonance Modes
Response of Three Oscillators Coupled by a Weak-Nonlinearity (77-APM-5) (A) **S 94**
Resonant Forcing
Torsional Amplitude Growth With Resonant Forcing (76-WA/DE-20) (A) **Ap 99**
Respiratory Heat Exchange
An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OcE-1) (A) **My 94**
Responsible Dissent
The Importance of Responsible Dissent **JI 77**
Reveley, W. F. Improved Waste Water Vapor Compression Distillation Technology (77-ENAs-20) (A) **N 96**
Revenue Trains
A Method of Field Testing and Data Reduction to Determine Forces Acting on a Freight Car in Revenue Service (76-WA/RT-9) (A) **Mr 95**
Reverse Osmosis System
RO Water Treatment System (IF) **Ag 58**
Rewetting
A Survey of Rewetting Following a Postulated LOCA (77-HT-93) (A) **N 105**
Reynolds Number Flow
Low Reynolds Number Flow in Plate Wakes (76-WA/HT-30) (A) **Je 110**

Reynolds Numbers
A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) (A) **F 135**
Reynolds, R. G. Economical Removal of Sodium Water Reaction Products (SWRP) from an LMFBR Intermediate Heat Transport System (IHTS) (76-WA/HT-71) (A) **Je 115**
Reysa, R. P. Space Station Prototype Advanced Life Support System Hardware Testing (77-ENAs-32) (A) **N 98**
Rheinisch Brown Coals
Characteristics of Rheinisch Brown Coals with Respect to Their Combustion and Fouling Behavior in Thermal Power Stations (76-WA/CD-3) (A) **My 91**
Ribbon Connector System
New Connector System (BTR) **Jl 55**
Ribbon Winding Process
Optimum Design of Ribbon and Wire Wound Cylinders for Metal Forming Dies (76-WA/Prod-28) (A) **Jl 99**
Rice, W. Laminar Throughflow of a Fluid Containing Particles Between Corotating Disks (76-WA/FE-38) (A) **F 138**. Laminar Throughflow of Quality Steam Between Corotating Disks (76-WA/FE-41) (A) **F 138**
Rich, R. *(recipient)* Sylvia W. Farny Scholarship **Ja 92**
Richardson, H. H. Transportation Research Goals and Priorities for ASME: A Preliminary Report (76-WA/RGPC-4) (A) **Jl 96**
Richardson, W. J. *(author)* Cost Improvement: Work Sampling, and Short Interval Scheduling (CB) **Je 118**
Riegel, P. S. Breathing Dynamics of a Diver Face Mask Fitted With a Demand Regulator (77-DE-30) (A) **S 92**
Riggs, J. L. *(author)* Engineering Economics (CB) **D 108**
Rigid-Body Positions
Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) (A) **Ap 96**
Rigid Flat Surfaces
High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) (A) **F 137**
Rigid Sheets
Stress Relaxation of a Thick-Walled Tube Shrunk Inside a Rigid Sheet (77-DE-42) (A) **S 93**
Rigidity Analysis
Rigidity Analysis and Optimization of Warren Beams in Torsion (76-WA/Prod-32) (A) **Jl 100**
Rimrott, F. On Safety Considerations (C) **Mr 51**
Ringwall, C. A Wide Range No-Moving-Part Flowmeter (76-WA/Flcs-10) (A) **Ap 102**
Risk-Taking Ethics
The Ethics of Risk-Taking (BTR) **O 68**
Rivera, M. P. Short-Time Torque Investigations on DMA-Bearings (76-Lub-20) (A) **F 142**
Road Service Tests
A Method of Field Testing and Data Reduction to Determine Forces Acting on a Freight Car in Revenue Service (76-WA/RT-9) (A) **Mr 95**
Road Testing
Performance Characteristics of Freight-Car Trucks Determined Through Road Testing (76-WA/RT-4) (A) **Mr 94**
Roadman, R. E. Low Reynolds Number Flow in Plate Wakes (76-WA/HT-30) (A) **Je 110**
Robbins, C. R. Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) (A) **Mr 99**
Robbins, K. W. Emergency Shutdown Systems—Evolution and Status (76-Pet-102) (A) **F 139**
Roberson, J. A. Aeroelastic Response of Square and H-Sections in Turbulent Flows (76-WA/FE-19) (A) **F 136**
Roberts, D. I. Detailing a New Diesel Engine Design Using a Three-Dimensional Interactive Graphic System (76-WA/DGP-2) (A) **Ap 100**
Roberts, G. W. Quality Assurance in R&D (77-DE-10) (A) **S 89**
Roberts, R. Delay Effects in a Pressure Vessel Material 5083-0 Aluminum (76-WA/PVP-1) (A) **Mr 100**
Roberts, V. W. New Career Paths in Engineering—Geothermal Energy **N 50**
Robotosyncrasies
The Robotosyncrasies (CB) **Ag 111**
Robots
Robotized Production Line (BTR) **My 51**
Rock Bed Energy Storage
Hot Rock Storage System (BTR) **Ag 48**
Rock Beds
Hot Rocks (EN) **S 68**
Rock Fragments
Shape-Factor Correlations for Transient Heat Conduction from Irregular-Shaped Rock Fragments to Surrounding Fluid (77-HT-54) (A) **O 106**
Rock Masses
Boreholes' Stability and Its Prognosis in Ledge Rock Masses (76-Pet-58) (A) **Ja 105**
Rockwell, D. O. Organization Fluctuations Due to Flow Past a Square Cross Section Cylinder (76-WA/FE-2) (A) **F 134**. Prediction of Oscillation Frequencies for Unstable Flow Past Cavities (76-WA/FE-17) (A) **F 135**. Vortex Stretching Due to Shear Layer Instability (76-WA/Flcs-11) (A) **Ap 102**
Rockwell, W. F., Jr. The Alchemists' Fear and Wonderment **Jl 24**
Rod Bending
A Note on the Bending of Rods to a Specified Shape (76-WA/OcE-2) (A) **My 94**
Rod Bowing
Effect of Rod Bowing on CHF in PWR Fuel Assemblies (77-HT-91) (A) **N 105**
Rod Bundles
Combined Forced and Free Laminar Convection in Vertical Rod Bundles with Longitudinal Flow (77-HT-44) (A) **O 105**
Experimental Determination of Interior Subchannel Cross Flow and Axial Flow in a Model of the Clinch River Breeder Reactor Fuel Assemlby Rod Bundle with Wire Wrap Spacers— (76-WA/HT-83) (A) **Je 116**
Rod Bundle Film Boiling Heat Transfer Experiments (77-HT-94) (A) **N 105**
Rod Position Indication System
A Fault Tolerant, Multiplexed Control Rod Position Detection and Indication System for Nuclear Power Plants (76-WA/NE-7) (A) **Ap 92**
Rodeman, R. Response of a String to an Accelerating Mass (76-WA/APM-26) (A) **Jl 104**
Rodgers, B. R. An Experimental and Analytical Investigation of a Solar Water Heater (76-WA/Sol-22) (A) **Mr 103**
Rodges, J. C. Investigation of Arctic Offshore Permafrost Near Prudhoe Bay (76-Pet-97) (A) **F 138**
Roe, K. A. *(recipient)* ASME Honorary Membership **Ja CR-6**
Roebelen, C. J., Jr. Hollow Fiber Membranes for Advanced Life Support Systems (77-ENAs-43) (A) **N 99**
Rogers, C. R. Substructuring as an Everyday Design Tool (77-PVP-27) (A) **N 108**
Rogers, R. J. Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) (A) **Ap 96**
Rohde, S. M. *(recipient)* Burt L. Newkirk Award **D CR-13**. A Theoretical Analysis of a Compliant Shell Air Bearing (76-Lub-5) (A) **F 140**
Rohrbach, R. R. SO Control in Steam Generator Emissions (76-WA/APC-9) (A) **Ap 104**
Rohsenow, W. M. On the Mechanism of Liquid Drop Deposition in Two-Phase Flow (76-WA/HT-18) (A) **My 100**. Performance Ranking of Plate-Fin Heat Exchanger Surfaces (76-WA/HT-31) (A) **Je 110**
Roidt, R. M. Experimental Determination of Interior Subchannel Cross Flow and Axial Flow in a Model of the Clinch River Breeder Reactor Fuel Assembly Rod Bundle with Wire Wrap Spacers (76-WA/HT-83) (A) **Je 116**
Roll Dynamics
Laboratory Techniques for Quantifying the Performance of Rail Vehicles Utilizing Servo-Controlled Hydraulic Vertical Actuators (76-WA/RT-5) (A) **Mr 94**
Roller Bearing Analogy
Estimating Effect of Heavy Wheel Loads on Rail Life Roller Bearing Analogy (77-RT-9) (A) **Ag 107**
Roller Bearings
Application of Simulation Cost Modelling to Railroad Roller Bearing Usage (77-RT-7) (A) **Ag 107**
Design Criteria to Prevent Core Crushing Failure in Large Diameter, Case Hardened, Ball and Roller Bearings (77-DE-39) (A) **S 92**
Roller Bearing Assembly (IF) **Ja 68**
Rollers
Optical Measurement of Oil Film Thickness Between Rollers (76-Lub-10) (A) **F 141**
Rolling Element Bearings
A High-Speed Rolling-Element Bearing Loss Investigation (77-GT-86) (A) **Ag 103**
Transmissibility Study of a Flexibly Mounted Rolling Element Bearing in a Porous Bearing Squeeze-Film Damper (76-Lub-4) (A) **F 139**
Roof Insulation
Roofing Sandwich: Fiber Glass and Urethane (BTR) **F 60**
Room Fires
A Scaling Study of a Corridor Subject to a Room Fire (77-HT-72) (A) **N 102**
Root, R. R. The Circuit Breaker—A Practical Example in Engineering Optimization (77-DET-7) (A) **D 101**
Rose, H. M. "Charge It" or "Change It"? (C) **Ja 54**
Rosenberg, R. C. The Gyrobondgraph: A Canonical Form for Multiport System Models (76-WA/Aut-6) (A) **My 92**
Rosenthal, F. The Application of Greenhill's Formula to Cable Hocking (76-WA/APM-31) (A) **Jl 104**
Ross, A. L. Cable Kinking Analysis and Prevention (76-WA/DE-4) (A) **Mr 104**
Ross, D. C. The Therapeutic Effects of Postburn Cooling (77-HT-27) (A) **O 103**
Ross, L. W. Carbon Dioxide Absorption in Packed Beds of Alkaline Carbonate Materials (77-ENAs-17) (A) **O 109**. Catalytic Oxidation of Strong Waste Waters (77-ENAs-1) (A) **O 108**
Rossini, T. Diagnosis in Operation of Bearing Misalignments in Turbogenerators (77-DET-14) (A) **D 102**
Rotary-Combustion Test Engine
Parametric Design of a Rotary-Combustion Test Engine (76-WA/DE-25) (A) **Ap 96**
Rotary Compressors
A Technique for Rating Rotary Compressors (76-Pet-104) (A) **F 139**
Rotary Engines
Whatever Happened to the Wankel Engine? **My 28**
Rotating Core Tubes
Computation of Annular Turbulent Flow With Rotating Core Tube (77-FE-13) (A) **S 100**
Rotating Disks
Heat Transfer Between an Impinging Jet and a Rotating Disk (76-WA/HT-2) (A) **My 97**
Rotating Equipment
Digital Experimental Techniques for Troubleshooting Vibration Problems in Rotating Equipment (77-PVP-49) (A) **D 105**
Rotating Machinery
Optimum Bearing and Support Damping for Unbalance Response and Stability of Rotating Machinery (77-GT-27) (A) **Jl 95**
Reliability of a High Speed Rotating Machine Subjected to Earthquake Excitation (77-DET-12) (A) **D 102**
Rotating Stall
Prediction of Compressor Performance in Rotating Stall (77-GT-10) (A) **Jl 93**
Rotational Speed
Measurements of the Performance of an Air Turbine Stage at Positive and Negative Mass Flow and Rotational Speed (Four-Quadrant Characteristics) (77-GT-14) (A) **Jl 94**
Rothamel, R. Please Put It Back (C) **D 54**
Rotor Blades
Interaction of the Rotor Blade Shock Waves in Supersonic Compressors With Upstream Stator Vaves (77-GT-93) (A) **Ag 104**
Progress on Ceramic Rotor Blade Development for Industrial Gas Turbines (77-GT-42) (A) **Ag 98**
Rotor Critical Speed
High Stiffness Seals for Rotor Critical Speed Control (77-DET-10) (A) **D 101**
Rotor Dynamics
Journal Bearing Impedance Descriptions of Rotordynamic Applications (76-Lub-24) (A) **F 142**
Vibration Energy: A Quick Approach to Rotor Dynamic Optimization (76-Pet-60) (A) **Ja 105**
Rotor Loss Distributors
A Study of an Advanced Automotive Radial Turbine—A Design Procedure Considering Rotor Loss Distributions and Exit Flow Patters (77-GT-6) (A) **Jl 92**
Rotordynamic Instability
The Space Shuttle Main Engine High-Pressure Fuel Turbopump Rotordynamic Instability Problem (77-GT-49) (A) **Ag 99**
Rotors
Design and Manufacturing of a Gas Turbine Rotor for Temperature and Vibration Measurements (77-GT-54) (A) **Ag 99**
A Flow Model for Centrifugal Compressor Rotors (77-GT-62) (A) **Ag 100**

Stability of Squeeze-Film-Dampers Supported Flexible Rotors (77-GT-51) (A) **Ag 99**
Steady-State Performance of Squeeze Film Damper Supported Flexible Rotors (77-GT-52) (A) **Ag 99**

Rotary Drill Strings
A Study of Various Methods of Drill String Make-Up (76-Pet-92) (A) **Ja 108**

Rotary Drilling Bits
Rotary Drilling Bits 1976 (76-Pet-93) (A) **Ja 108**

Rotors
Experimental Study of the Flow Field Within a Transonic Axial Compressor Rotor by Laser Velocimetry and Comparison With Through-Flow Calculations (77-GT-28) (A) **Jl 95**

Rough Vacuum Systems
Application of Basic Energy Conservation Principles to the Design of Rough Vacuum Systems (76-WA/PID-17) (A) **Je 108**

Roughness Element Geometry
Roughness Element Geometry Required for Wind Tunnel Simulations of the Atmosphere Wind (76-WA/FE-18) (A) **F 135**

Rough-Walled Circular Cylinders
A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) (A) **F 135**

Roukis, J. G. The Performance of the Water Bubbler Heat Sink for the EF-111 Aircraft (77-ENAs-11) (A) **N 96**

Rousselet, J. Flutter of Articulated Pipes at Finite Amplitude (77-APM-9) (A) **S 95**

Roux, J. A. Combined Conductive and Radiative Heat Transfer in an Absorbing and Scattering Medium (77-HT-50) (A) **O 105**

Rowe, M. E. Heavy Wall Drill Pipe—A Key Member of the Drill Stem (76-Pet-90) (A) **Ja 108**

Roy, Dr. Robert R. *(recipient)* Baltimore's Engineer of the Year **Ap 86**

Rubber
Where Has All the Rubber Gone? (NR) **My 65**

Rubber Bladder
Rubber Bladder for Ocean Fuel Storage (BTR) **Ag 50**

Rubin, A. M. Harzards and Materials Compatibility of Ammonia for Power Plant Applications (77-RC-4) (A) **Ag 108**

Rubin, E. S. Assessment of Public Policy for Coal Utilization in Pennsylvania Electric Utilities (76-WA/TS-5) (A) **My 88**. Cross-Media Considerations in Regulatory Policy for Utilization Systems (77-Pet-4) (A) **N 108**

Rudland, R. S. An Experimental Study of Heat Transfer from the Wake Region of a Spray Cooled Isothermal Cylinder (77-HT-33) (A) **O 103**

Rueth, N. The Computer—A Tool for All Reasons **F 50**. A Solid Waste Package Deal-Energy and Materials from Garbage **D 24**. Wrapping Up the Nuclear Fuel Cycle—Part 2: A Permanent Home for Nuclear Waste **Ja 20**

Ruff, A. W. Particle Erosion Measurements on Metals (76-WA/Mat-1) (A) **Mr 98**

Rumbarger, J. H. Design Criteria to Prevent Core Crushing Failure in Large Diameter, Case Hardened (77-DE-39) (A) **S 92**

Rupinskas, R. L. Thin-Film Evaporators for Processing BWR Liquid Radwaste (76-WA/NE-4) (A) **Ap 92**

Russell, J. H. Development Status of a Preprototype Water Electrolysis System (77-ENAs-34) (A) **N 98**

Russian Oil Industry
The Russian Rockefellers: The Saga of the Nobel Family and the Russian Oil Industry (CB) **N 112**

Ryans, J. L. Application of Basic Energy Conservation Principles to the Design of Rough Vacuum Systems (76-WA/PID-17) (A) **Je 108**

S

Saber, A. J. Parametic Design of a Rotary-Combustion Test Engine (76-EA/DE-25) (A) **Ap 96**

Sabersky, R. H. *(recipient)* Prime Movers Committee Award **D CR-13**

Sacco, L. R. More on Registration (C) **D 50**

Sackinger, W. M. Investigation of Arctic Offshore Permafrost Near Prudhoe Bay (76-Pet-97) (A) **F 138**

Sackman, J. L. An Alternative Representation of the Elastic-Viscoelastic Correspondence Principle for Harmonic Oscillations (77-APM-11) (A) **S 95**

Sac-Type Artificial Ventricles
A Model of a Sac-Type Artificial Ventricle in Mock Circulation (76-WA/Bio-7) (A) **Jl 102**

Saddle Supports
Analysis of a Large Saddle Supported Horizontal Pressure Vessel (77-PVP-18) (A) **N 107**

Sadovnik, I. Effects of Slagging in MHD Generator Ducts (77-HT-59) (A) **O 106**

Safety
Best's Safety Directory—1977: Safety, Industrial Hygiene, Security (CB) **F 144**
Design for Product Liability Prevention (76-WA/Saf-1) (A) **Ap 95**
Full-Power Parking Emergency Brakes and Fail-Safe on Four-Wheel Disc Brake Systems (76-WA/Saf-3) (A) **Ap 95**
On Nuclear Safety Valve Operability Assurance (76-WA/Saf-4) (A) **Ap 95**
Structural Reliability Assurance of an LMFBR Reactor Vessel (76-WA/Saf-2) (A) **Ap 95**

Safety Considerations
On Safety Considerations (C) **Mr 51**

Safety Engineering
Safety Engineering Survey (EN) **Je 78**

Safety Factors
Reactor Safety: A Basic Understanding for the Mechanical Engineer (NR) **Ja 71**

Safety Hazards
Product Safety Hazard Analysis (77-DE-2) (A) **S 88**
Safety and Health Considerations in Handling, Processing, and Storage Facilities of Refuse Derived Fuel (77-RC-11) (A) **Ag 108**

Safety and Reliability
Industrial Truck Safety and Reliability Considerations (77-RC-7) (A) **Ag 108**

Safety Standards
Manufacturers' Response to Product Safety Standards (77-DE-4) (A) **S 88**
Perspectives of the Legal System (77-DE-22) (A) **S 90**
Safety Regulation—A Part of the Design Process (77-RC-17) (A) **Ag 109**

Safety Studies
Transit System Safety (IF) **Jl 62**

Safety Systems
Emergency Shutdown Systems—Evolution and Status (76-Pet-102) (A) **F 139**

Safety Valves
On Nuclear Safety Valve Operability Assurance (76-WA/Saf-4) (A) **Ap 95**
A New Leak-Free Sealing System for a Downhole Safety Valve (76-Pet-99) (A) **Ja 107**

Safriet, B. E. Analysis of Pressure Pulsation in Reciprocating Compressor Piping Systems by Analog and Digital Simulation (76-WA/DGP-3) (A) **Ap 100**

Sagal, M. W. Effective Technology Transfer From Laboratory to Production Line (77-DE-11) (A) **S 89**

Sagartz, M. J. Transient Response of Three-Layered Rings (77-APM-21) (A) **S 96**

Sague, J. E. Design Criteria to Prevent Core Crushing Failure in Large Diameter, Case Hardened, Ball and Roller Bearings (77-DE-39) (A) **S 92**

Saha, P. A Post-Dryout Heat Transfer Model Based on Actual Vapor Generation Rate in Dispersed Droplet Regime (77-HT-80) (A) **N 103**

St. Hilaire, A. O. Experimentally Determined Stability Parameters of a Subsonic Cascade Oscillating Near Stall (77-GT-47) (A) **Ag 98**

Saint-Venant's Principle
Saint-Venant's Principle and the Torsion of Thin Shells of Revolution (76-WA/APM-15) (A) **Jl 103**

Saito, T. Design and Development of a High-Pressure Combustor for Aero-Gas-Turbines (77-GT-96) (A) **Ag 105**

Saka, N. Declamination Wear of Dispersion-Hardened Alloys (76-WA/Prod-29) (A) **Jl 100**

Salary Busting
Busting Salary Busting (C) **Jl 51**
HR 314: A Way Out of Salary Busting (PS) **My 71**
Salary Busting—An Update (WW) **N 80**
Unwanted Benefactor (C) **Ag 44**

Salimonu, D. O. Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) (A) **F 139**

Salmassy, O. K. Unwanted Benefactor (C) **Ag 44**

Salmon, D. F. A Study of the Economic Feasibility of a Thermal Energy Storage System for Solar Heating Applications Using a PCM (76-WA/HT-63) (A) **Je 114**

Salt Domes
Crude Oil Working Storage in a Gulf Coast Salt Dome (76-Pet-67) (A) **Ja 106**

Salt Ingestion Analysis
Gas Turbine Salt Ingestion Analysis (77-GT-20) (A) **Jl 94**

Salt-Stratified Solar Ponds
Heat Transfer Considerations of a Nonconvecting Solar Pond Heat Exchanger (76-WA/Sol-4) (A) **F 131**

Salts
Design and Costs of High Temperature Thermal Storage Devices Using Salts or Alloys (76-WA/HT-34) (A) **Je 111**

Samra, R. S. Impact Energy Calculations for a Steam Check Valve Following a Postulated Pipe Rupture (76-WA/FE-8) (A) **F 134**

Samudra, A. V. Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) (A) **F 142**

Samuels, G. A New Approach to a Fluidized Bed Steam Boiler (76-WA/Pwr-8) (A) **F 133**

San Martin, R. L. The New Mexico Department of Agriculture Solar Heated and Cooled Building (76-WA/Sol-10) (A) **F 131**

Sanborn, D. M. Effects of Load, Speed and Surface Roughness on Sliding EHD Contact Temperatures (76-Lub-23) (A) **F 141**

Sanday, S. C. Progress on Ceramic Rotor Blade Development for Industrial Gas Turbines (77-GT-42) (A) **Ag 98**

Sande, C. K. Particulate Deposition in Direct Fired MHD Air Preheaters (77-HT-65) (A) **O 107**

Sandgren, E. Simulation of a Two Cylinder Compressor for Discharge Gas Pressure Oscillation Prediction (76-WA/FE-10) (A) **F 135**

Sandler, B. Z. The Use of a Random Algorithm for Dynamic Optimization of Mechanisms (76-WA/DE-22) (A) **Ap 99**

Sandor, G. N. Design Engineering and the Law **O 44**

Sandoz, S. A. Modeling Environmental Effects on Nozzle Spray Distribution (76-WA/FE-39) (A) **F 138**

Sandquist, G. M. Forced Convective Heat Transfer in Porous Media with Small Biot Number (77-HT-96) (A) **N 105**

Sane, J. O. Analysis of Sodium/Water Reactions in a Steam Generator Loop of the Clinch River Breeder Reactor Plant (76-JPGC/NE-11) (A) **Ja 113**

Sanghani, K. J. Experimental Evaluation of Water Surface Heat Exchange (77-HT-41) (A) **O 104**

Sanning, D. E. Development of a Data Base of the Future Regulation of Flue Gas Desulfurization Sludge Disposal (76-WA/APC-5) (A) **Ap 103**

Santo, J. E. Removal of Suspended and Colloidal Solids from Waste Streams by the Use of Cross-Flow Microfiltration (77-ENAs-51) (A) **N 100**

Sarma, P. K. Laminar Film Condensation-Combined Effect of Magnetic Field and Variable Gravity (77-HT-25) (A) **O 102**

Sartory, W. K. Development of Simplified Analysis Methods for Ratchetting and Creep-Fatigue—A Status Report (76-WA/PVP-19) (A) **Mr 102**

Sasaki, S. A Study of an Advanced Automotive Radial Turbine—A Design Procedure Considering Rotor Loss Distributions and Exit Flow Patters (77-GT-6) (A) **Jl 92**

Satellites
Landsat Results Show Promise (NB) **My 65**
Palapa Satellite (IF) **S 57**
Thermal Control Design and Performance of Air Force Satellite STP P72-1 (77-ENAs-41) (A) **N 99**

Sator, F. G. Inverse Computation of Profile Shapes for Given Transonic Flow-Configuration With and Without Detached Bow-Shocks in Two-Dimensional Turbomachinery Cascades (77-GT-33) (A) **Ag 97**

Sattinger, S. S. Temperatures and Distortions Induced by Omega Seal Closure Welding (76-WA/PVP-20) (A) **Mr 102**

Savery, C. W. Double-Exposure Collectors with Mirrors for Solar-Heating Systems (76-WA/HT-16) (A) **My 99**

Savkar, S. D. A Survey of Flow Induced Vibrations of Cylindrical Arrays in Cross-Flow (76-WA/FE-21) (A) **F 136**

Saw Blades
Dimensional Analysis and Scaling of the Aerodynamic Noise Produced by Idling Circular Saw Blades (76-WA/DE-11) (A) **Mr 104**

Sawochka, S. G. PWR Secondary System Chemistry During Air and Cooling Water Inleakage (76-WA/NE-14) (A) **Ap 94**

Sawtelle, G. R. Effects of Modeling Variations on RELAP4 Predictions of Standard Problem Five (76-WA/HT-52) (A) **Je 113**

Sawyer, R. F. Radiation from a Methanol Furnace (77-HT-14) (A) **O 101**

Sayles, R. S. Stiffness of Machine Tool Joints: A Random-Process Approach (76-WA/Prod-23) (A) **JI 99**

Scale Modeling
Scale Modeling of Large Elastic Undersea Cable Structures (76-WA/OcE-8) (A) **My 95**

Scanning Electron Microscopy
Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) (A) **F 142**

Scarton, H. A. Flow-Induced Bending of Rectangular Plates (77-APM-14) (A) **S 95**

Scattering
Two-Dimensional Multiple Scattering: Comparison of Theory with Experiment (77-HT-48) (A) **O 105**

Scattering Media
Combined Conductive and Radiative Heat Transfer in an Absorbing and Scattering Medium (77-HT-50) (A) **O 105**

Scattering Spectrometer System
Application of a Scattering Spectrometer System for Marine Aerosol Measurements (77-GT-32) (A) **Ag 97**

Scavuzzo, R. J. Normal Mode Solution of Fluid Coupled Concentric Cylindrical Vessesl (77-PVP-37) (A) **D 103**

Schatzberg, P. Ultrafiltration of Black and Gray Wastewater (77-ENAs-57) (A) **N 101**

Schaumburg, F. D. *(author)* Judgment Reserved, A Landmark Environmental Case (CB) **Ag 113**

Scheel, L. F. A Technique for Rating Rotary Compressors (76-Pet-104) (A) **F 139**

Scheffler, W. A. Deviations From the Linear Transport Laws and Corrections to the Onsager Reciprocal Relations (76-WA/APM-2) (A) **Je 109**. Well-Hole Temperature Distribution in the Presence of Aquifers (76-Pet-59) (A) **Ja 105**

Schertz, W. Development of Compound Parabolic Concentrators for Solar Thermal Applications (76-WA/Sol-11) (A) **F 132**

Schetz, J. A. The Interrelationship Between Eddy Viscosity, Mixing Length, Entrainment and Width Growth Models in Turbulent Flows (77-FE-20) (A) **O 110**

Schimmels, J. N. Turbulence Measurements in Dilute Polymer Wake Flows (77-FE-31) (A) **O 111**

Schleicher, M. Fluid Loop Systems for Use in Spacecraft Thermal Control (77-EN-13) (A) **O 109**

Schluntz, P.E. President's Page Reactions (C) **My 50**

Schmidt, D. K. Effective Boiler Feed Control for Test Loops (76-WA/NE-15) (A) **Ap 94**

Schmidt, E. J. Managing Environmental Monitoring Programs to Meet Engineering and Licensing Requirements for Power Plants (76-WA/Pwr-9) (A) **F 133**

Schmidt, F. W. Design Optimization of a Single Fluid, Solid Sensible Heat Storage Unit (76-WA/HT-64) (A) **Je 114**. Transient Behavior of a Solid Sensible Heat Thermal Storage Exchanger (77-HT-37) (A) **O 104**

Schmidt, R. P. A New Generation Lubricant for Extended Drain Diesel Service (77-DGP-16) (A) **D 100**

Schmidt, V. H. Personally Speaking (C) **D 54**

Schmidt, W. Prediction and Measurement of Two-Stroke Cycle Diesel Engine Performance and Smoke at Altitude (77-DGP-3) (A) **D 100**

Schmidt, W. F. Submarine Pipeline Analysis with an Elastic Foundation by the Finite Element Method (76-WA/OcE-5) (A) **My 95**

Schneider, R. W. The Background of ASME Code Case XXXX Simplified Method of Analyzing Part B Flanges (77-PVP-38) (A) **D 104**

Schnurr, N. M. Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) (A) **O 101**. A Study of the Economic Feasibility of a Thermal Energy Storage System for Solar Heating Applications Using a PCM (76-WA/HT-63) (A) **Je 114**

Scholarship Competitions
1978 Drafting Competition (EN) **D 74**

Scholarships
ASME Petroleum Division Awards Eight Scholarships (EN) **N 78**

Scholarships Program
National Engineering Scholarships (EN) **F 77**

Schrumm, E. W. An Improved Mathematical Model for Continuous Blenders (76-WA/PID-18) (A) **Je 108**

Schubert, F. A. Development of an Advanced Combined Iodine Dispenser/Detector (77-ENAs-30) (A) **N 97**

Schubert, F. H. Development of a Three-Man Preprototype CO$_2$ Collection Subsystem for Spacecraft Application (77-ENAs-19) (A) **N 96**; Development of a Three-Man Preprototype Independent Air Revitalization Subsystem (IARS) (77-ENAs-31) (A) **N 97**

Schueller, W. *(author)* High-Rise Building Structures (CB) **Je 118**

Schuerman, L. E. Study of Off Gas Release Through a Natural Draft Cooling Tower (76-WA/NE-8) (A) **Ap 92**

Schuetzenduebel, W. G. Feedwater Chemistry Requirements for HTGR Steam Generator Operation (76-WA/NE-13) (A) **Ap 94**

Schultz, C. C. Verification of Specimens for Low Cycle Fatigue and Cyclic Plasticity Testing (77-PVP-35) (A) **D 103**

Schultz, G. C. A Computer Simulation Model for Determining Fleet Size and Composition (76-WA/Mgt-1) (A) **Je 104**

Schulz, G. W. Caterpillar Heavy-Duty 1300 hp Deep-Ratio Marine Transmission (77-DGP-2) (A) **D 98**

Schulz, R. P. Integrated Low-Btu Gasification, Combined Cycle Plant Interface and Power System Control Considerations (76-JPGC-GT-3) (A) **Ja 111**

Schulze, F. W. Progress in Railway Mechanical Engineering 1975–1976 Report of Survey Committee Locomotives (76-WA/RT-6) (A) **Mr 94**

Schulze, R. H. Assessment of the Ambient Air Impact of Multiple Stack Industrial Plants Using Dispersion Modeling (76-Pet-70) (A) **Ja 106**

Schwarz-Neumann Technique
Application of Schwarz-Neumann Technique to Fully Developed Laminar Heat Transfer in Noncircular Ducts (76-WA/HT-49) (A) **Je 112**

Scientific Literature
Journals in Translation (CB) **F 144**

Scientific Personnel Resources
Energy-Related Opportunities (NR) **O 74**

Scientific Professionals
A Learning Program for Engineering and Scientific Professionals in the Oil and Gas Industry Concerning Metrication and SI Units (76-Pet-10) (A) **Jea 99**

Scientific Research
Talking to the Public—A "Scientific" Problem (BTR) **Ap 54**

Scientific Societies Publications
Scientific, Engineering, and Medical Societies Publications in Print 1976–1977 (CB) **Ap 107**

Scientists
Scientists in Organizations: Productive Climates for Research and Development (CB) **Mr 108**
Women Ph D's, Not Faring Well (NB) **Mr 75**

Sclera
The Elasticity of Sclera, Cornea, and Choroid, and its Implications on Scleral Rigidity and Accommodations (77-Bio-5) (A) **S 99**

Scott, C. J. Computation of Annular Turbulent Flow With Rotating Core Tube (77-FE-13) (A) **S 100**. Investigation of Turbulent Momentum Transfer of Fully Developed Rotating Annular Axial Flow of Air (76-WA/HT-85) (A) **Je 117**

Scott, J. N. Improving Turbo Compressor Efficiency via Performance Analysis Techniques (77-GT-53) (A) **Ag 99**

Scott, W. E. The Frequency of Inertial Waves in a Rotating, Sectored Cylinder (76-WA/APM-22) (A) **JI 103**

Screw Compressors
The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors (76-WA/PID-15) (A) **Je 107**

Sea Mussel Secretions
"Secretes" of the Sea Mussel (BTR) **S 51**

Sea-Salt Aerosol Test Facility
Real-Time Techniques for Sea-Salt Aerosol-Separator Evaluation (77-GT-29) (A) **JI 95**

Sea Waves
Wave Power (BTR) **Ag 50**

Seafarer Communication
Seafarer Communication System (BTR) **F 58**

Seafloor Oil Production
Remote Seafloor Oil Production (BTR) **N 58**

Seals
Seals for Valve Stems and Wellheads in High Pressure-High Temperature Service (76-Pet-5) (A) **Ja 98**

Search Regions
Optimization by Random Perturbation Method with Systematic Reduction of Search Region (77-DET-9) (A) **D 102**

Seasmans, R. C., Jr. *(recipient)* Ralph Coats Roe Medal **D CR-12**

Seasonal Efficiencies
Improvement of Seasonal Efficiency of Residential Heating Systems (76-WA/Fu-7) (A) **Je 103**

Seawater
Seawater Oil Transport Pumps (IF) **My 60**

Seawater Supply Development
Large Seawater Supply Development for Water Injection (76-Pet-85) (A) **Ja 107**

Seban, R. A. *(recipient)* Honorary Membership **D CR-12**

Seber, E. C. Considerations in Designing High Temperature Dump Heat Exchangers (76-JPGC-NE-7) (A) **Ja 112**

Second Law Analysis
First Word on Second Law (C) **O 54**
A Second-Law Analysis of the Air-Storage Gas Turbine System (76-JPGC-GT-2) (A) **Ja 111**

Secondary Recovery
Inert Gas Systems for Secondary Recovery (76-Pet-86) (A) **Ja 108**

Secord, T. C. Space Construction Base Support Requirements for Environmental Control and Life Support Systems (77-ENAs-44) (A) **N 99**

Section Meetings
The Importance of Section Meetings (PS) **Je 83**

Sector Pads
A Class of Maximum Load Capacity Sector Thrust Bearings (76-Lub-6) (A) **F 140**

Sectored Cylinders
The Frequency of Inertial Waves in a Rotating, Sectored Cylinder (76-WA/APM-22) (A) **JI 103**

Security
Best's Safety Directory—1977: Safety, Industrial Hygiene, Security (CB) **F 144**

Seismic Analysis
Seismic Analysis for Alaskan North Slope Construction (76-Pet-75) (A) **Ja 106**

Seismic Qualification
Building and Equipment Seismic Response for PWR Plants (76-WA/PVP-14) (A) **Mr 101**
Seismic Qualification of Cable Tray Systems (77-PVP-6) (A) **N 106**
Simulation Techniques in Seismic Qualification of Category I Auxiliary Equipment (77-DGP-18) (A) **D 100**

Selcuk, M. Kudret Fixed Flat Plate Collector with a Reversible Vee-Trough Concentrator (76-WA/HT-12) (A) **My 99**

Self-Accumulating Conveyor Systems
Conveyor System Features Self-Accumulation (BTR) **Je 58**

Self-Sufficient Home
The "Compleat" Home (BTR) O 65

Self-Tuning Methods
Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite Time Settling Controlled/Observer (76-WA/Aut-8) (A) **My 93**

Semi-Infinite Cracks
Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) (A) **S 96**

Semi-Infinite Strips
The Plane Solution for the Elastic Contact Problem of a Semi-Infinite Strip and Half Plane (76-WA/APM-17) (A) **JI 103**

Senate Reorganization
A New and Better Senate Setup? (WW) **Mr 80**

Sengupta, S. A Three-Dimensional Numerical Model for Closed Basins (76-WA/HT-21) (A) **My 100**

Senoō, Y. Deceleration Rate Parameter and Algebraic Prediction of Turbulent Boundary Layer (76-WA/FE-7) (A) **F 134**. Prediction of Flow Separation in a Diffuser by a Boundary Layer Calculation (76-WA/FE-6) (A) **F 134**

Sensitivity Analysis
Sensitivity of Torsional Natural Frequencies (76-WA/DE-18) (A) **Ap 99**

Separated Flow
Viscid-Inviscid Interaction of Incompressible Separated Flows (76-WA/APM-7) (A) **Je 110**

Server, W. L. A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) (A) **Mr 100**

Service Tests
Thermal Patterns in 36-Inch Freight Car Wheels During Service Tests (76-WA/RT-11) (A) **Mr 95**

Servo Systems
On the Design of Servo Systems with Low Sensitivity (76-WA/Aut-4) (A) **My 92**

Servomechanisms
Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) (A) **JI 100**
Seth, B. Optical Measurement of Oil Film Thickness Between Rollers (76-Lub-10) (A) **F 141**
Setoguchi, K. *(recipient)* Prime Movers Committee Award **D CR-13**
Sewage Treatment System
"CABOS"—Shipboard Sewage Treatment System (77-ENAs-46) (A) **N 100**
Sexist Discrimination
President's Page Reactions (C) **My 50**
Shadow Mapping
Shadow Mapping Instrument (BTR) **D 60**
Shaft Coupling
The Shaft Coupled Lift/Cruise Fan Propulsion System for Navy Multimission V/STOL Aircraft (77-GT-112) (A) **Ag 106**
Shaker Systems
Laboratory Techniques for Quantifying the Performance of Rail Vehicles Utilizing Servo-Controlled Hydraulic Vertical Actuators (76-WA/RT-5) (A) **Mr 94**
Shaking Force
The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) (A) **Ap 99**
Shaking Moment Balancing
The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) (A) **Ap 99**
Shale Oil Process Off-Gas
Power Generation from Shale Oil Process Off-Gas (76-JPGC-GT-4) (A) **Ja 111**
Shallow Arches
Natural Structural Shapes of Shallow Arches (77-APM-31) (A) **S 97**
Shampine, L. F. Response of a String to an Accelerating Mass (76-WA/APM-26) (A) **JI 104**
Shamsi, S. S. A Real-Time Analogue Computer Simulation of a Turbocharged Diesel Engine (76-WA/DGP-1) (A) **Ap 100**
Shaner, R. L. Features of an Actual 2000-Ton-per-Day Oxygen Plant (76-WA/PID-2) (A) **Je 106**
Shaner, W. W. Solar Thermal Electric Power Systems: Manufacturing Cost Estimation and Systems Optimization (76-WA/HT-14) (A) **My 99**
Shanklin, R. V., III *(recipient)* George Westinghouse Silver Medal **Ja CR-6**
Shape-Factor Correlations
Shape-Factor Correlations for Transient Heat Conduction from Irregular-Shaped Rock Fragments to Surrounding Fluid (77-HT-54) (A) **O 106**
Shapiro, W. Compliant-Mounted Bearings and Their Application (77-DE-18) (A) **S 90**
Sharma, B. I. Computation of Anular Tubulent Flow With Rotating Core Tube (77-FE-13) (A) **S 100**
Sharma, M. P. A Novel Physico-Computational Model for Quasi One-Dimensional Gas-Particle Flows (76-WA/FE-36) (A) **F 138**
Sharma, R. K. Experiments on the Transient Response of Oil-Film Dampers (77-GT-31) (A) **Ag 96**
Sharp, J. J. Mathematical and Physical Models of Ocean Outfall Performance (77-ENAs-52) (A) **N 100**
Sharp, R. F. The Effect of Particulate Contaminants on the Static Characteristics of Fluid Power Relief Valves (77-DE-20) (A) **S 90**
Shaw, H. Aqueous Solution Scrubbing for NO_x Control in Munitions Incineration (76-WA/Fu-9) (A) **Je 103**; Development of a Hybrid Catalytic Combustor (77-GT-84) (A) **Ag 103**; The New Mexico Department of Agriculture Solar Heated and Cooled Building (76-WA/Sol-10) (A) **F 131**
Shaw, L. M. Characteristics of an Anechoic Chamber for Fan Noise Testing (77-GT-102) (A) **Ag 102**
Shaw, M. C. Cut-Forming: A New Method of Producing Wire (76-WA/Prod-12) (A) **JI 97**
Shawki, G. S. A. Dynamic Severity Criterion for Designing Against High Cycle Fatigue (77-DE-28) (A) **S 91**; Material Failure and Component Design Under Cyclic Loading (77-DE-27) (A) **S 91**
Shear
Fully Plastic Asymmetric Edge Crack Under Longitudinal Shear (77-APM-15) (A) **S 95**
Shear Beams
Transient Response of a Shear Beam to Correlated Random Boundary Excitation (77-APM-24) (A) **S 96**
Shear Layer Instability
Vortex Stretching Due to Shear Layer Instability (76-WA/Flcs-11) (A) **Ap 102**
Shear Layers
Prediction of Oscillation Frequencies for Unstable Flow Past Cavities (76-WA/FE-17) (A) **F 135**
Sheer, R. E. Fan Inlet Disturbances and Their Effect on Static Acoustic Data (77-GT-63) (A) **Ag 101**
Sheet Metals
On the Drawability of Sheet Metal In Noncircular Cups (76-WA/Prod-2) (A) **JI 96**
Sheldon, G. L. Effects of Surface Hardness and Other Material Properties on Erosive Wear of Metals by Solid Particles (76-WA/Mat-8) (A) **Mr 99**; Erosion of a Tube by Gas-Particle Flow (76-WA/Mat-9) (A) **Mr 99**
Shelpuk, B. Solar Heating Thermal Storage Feasibility (76-WA/HT-36) (A) **My 101**
Shell-Side Pressure Drop
A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) (A) **Ja 112**
Shell-and-Tube Condensers
Rating Shell-and-Tube Condensers by Stepwise Calculations (76-WA/HT-5) (A) **My 97**
Shell-and-Tube Heat Exchangers
Computer Aided Design of a Shell and Tube Heat Exchanger for Oil and Asphalt Heating (76-WA/HT-6) (A) **My 98**
Shells
Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) (A) **S 98**
Creep Buckling of a Complete Spherical Shell (76-WA/APM-8) (A) **Je 109**
Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) (A) **S 95**
Free Vibration of Fluid-Coupled Coaxial Cylindrical Shells of Different Lengths (76-WA/APM-3) (A) **Je 109**
Pseudo-Cylindrical Shells: A New Concept for Undersea Structures (76-WA/OcE-6) (A) **My 95**
Stress-Intensity Factors for Very Short Cracks in Arbitrary Pressurized Shells (76-WA/APM-29) (A) **JI 104**
The Transient Motion of a Cylindrical Shell of Arbitrary Cross Section in an Acoustic Medium (77-APM-33) (A) **S 98**
The Vibrations of an Infinite Orthotropic Layered Cylindrical Viscoelastic Shell in an Acoustic Medium (76-WA/APM-33) (A) **JI 105**
Shells of Revolution
Analysis of Moderately Thick Flanged Pressure Vessels (77-PVP-48) (A) **D 104**
Saint-Venant's Principle and the Torsion of Thin Shells of Revolution (76-WA/APM-15) (A) **JI 103**
Shen, C. N. Applications of a Scattering Spectrometer System for Marine Aerosol Measurement (77-GT-32) (A) **Ag 97**; Real-Time Test Techniques for Sea-Salt Aerosol-Separator Evaluation (77-GT-29) (A) **JI 95**
Shepard, W. S. A MHD Simulation Test Facility for Investigating the Thermal Properties of a Slag/Seed Coated Radiant Boiler and Superheater for a 2000-MWt MHD Power Plant (77-HT-64) (A) **N 101**
Shepherd, D. G. *(recipient)* Worcester Reed Warner Medal **Ja CR-7**
Sherwood, D. G. Magnetic Jack Control Rod Drives (76-WA/NE-3) (A) **Ap 92**
Sheth, H. Analysis of a Large Saddle Supported Horizontal Pressure Vessel (77-PVP-18) (A) **N 107**
Sheth, P. R. Specifics of Heat Exchanger Design for a 2000-MWt Dual Cycle, MHD Topping-Steam Bottoming Power Plant (77-HT-61) (A) **O 107**
Shield System
Development of Large Fiberglass Reinforced Plastic Dewars for Superconducting Magnets at 4 K (76-WA/PID-11) (A) **Je 107**
Shigley, J. E. *(recipient)* Worcester Reed Warner Medal **D CR-13**
Shih, T. M. Wake Turbulent Flames (77-HT-97) (A) **N 105**
Shimada, Y. Heat Transfer from a Horizontal Plate Facing Upwards to Superposed Liquid-Layers with Change of Phase (76-WA/HT-1) (A) **My 97**
Shimono, M. Deformation of Polymers During Hydrostatic Extrusion (77-PVP-39) (A) **D 103**
Shimozono, G. S. A Parametric Study of a Heat Exchanger Designed for Geothermal Power Plant Application (77-HT-1) (A) **O 100**
Ship Drive Applications
Superconductive Propulsion Motor **Ja 48**
Shipboard Laundry Wastewater
A Continuous Shipboard Laundry Wastewater Treatment and Recycling System (77-ENAs-40) (A) **N 99**
Shipboard Sewage Treatment System
"CABOS"—Shipboard Sewage Treatment System (77-ENAs-46) (A) **N 100**
Ships' Stern Tubes
Laser Beam Centering System (IF) **Je 65**
Shiralkar, B. S. A Post-Dryout Heat Transfer Model Based on Actual Vapor Generation Rate in Dispersed Droplet Regime (77-HT-80) (A) **N 103**
Shirazi, M. A. A Measurement of Buoyant Jet Entrainment from Single and Multiple Sources (77-HT-43) (A) **O 1047**
Shock Resistance
Fracture Strength and Thermal Shock Resistance of Thick-and Thin-Wall Magnesium-Aluminum-Silicate Ceramic Heat Regenerators (77-GT-98) (A) **Ag 105**
Shock Tube Technique
Shock Tube Simulates Gas Turbine Conditions (BTR) **O 65**
Shock Waves
Calculation of Two-Phase Dispersed Droplet-in-Vapor Flows Including Normal Shock Waves (76-WA/FE-31) (A) **F 137**
Interaction of the Rotor Blade Shock Waves in Supersonic Compressors With Upstream Stator Vanes (77-GT-93) (A) **Ag 104**
Propagation of a Shock Wave Front Across a Curved Fluid-Solid Interface (76-WA/APM-9) (A) **Je 110**
Transonic Normal Shock-Turbulent Boundary Layer Interaction in Pressure Gradient Flows (77-GT-34) (A) **JI 95**
Shoemaker, H. D. The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) (A) **Ja 104**
Shoeran, Y. Cooling Considerations for Design of a Radial Inflow Turbine (77-GT-82) (A) **Ag 103**
Short Courses
Short Courses at the Heat Transfer Conference (EN) **JI 72**
Short, G. R. Power Generation from Shale Oil Process Off-Gas (76-JPGC-GT-4) (A) **Ja 111**
Short-Haul Experimental Engines
Quiet, Clean, Short-Haul Experimental Engines (QCSEE)—A Technology Development Program (77-GT-109) (A) **Ag 106**
Short Interval Scheduling
Cost Improvement, Work Sampling, and Short Interval Scheduling (CB) **Je 118**
Shortages
On Shortages (C) **D 53**
Shower Wastewater
Renovation of Waste Shower Water by Membrane Filtration (77-ENAs-60) (A) **N 101**
Shrinking
Stress Relaxation of a Thick-Walled Tube Shrunk Inside a Rigid Sheet (77-DE-42) (A) **S 93**
Shrivastava, K. D. The Effect of a Transversely Injected Stream on the Flow Through Turbine Cascades: Part 1—Flow Effects (77-GT-87) (A) **Ag 103**
Shrivastava, K. D. The Effect of a Transversely Injected Stream on the Flow Through Turbine Cascades: Part 2—Performance Changes (77-GT-88) (A) **Ag 103**
Shuck, L. Z. Analytical and Experimental Investigations on Induced Fracturing of Reservoir Rock (76-Pet-8) (A) **Ja 99**
Shuck, L. Z. The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) (A) **Ja 104**
Shumar, J. W. Development of an In Situ Calibration Technique for Combustible Gas Detectors (77-ENAs-22) (A) **N 97**
Shumway, R. W. Prediction of Reflood Heat Transfer with Standard Loop Programs (76-WA/HT-54) (A) **Je 113**
Shupe, D. S. Update: Automobile Fuel Economy **D 30**
Shuttle Missions
CO and Humidity Removal System for Extended Shuttle Missions: CO, H_2O, and Trace Contaminant Equilibrium Testing (77-ENAs-4) (A) **O 108**
Shuttle Orbiter
Design and Manufacture of Graphite Epoxy Payload Bay Doors for the Shuttle Orbiter (76-WA/Aero-12) (A) **My 97**
The Development and Testing of a Regenerable CO and Humidity Control System for Shuttle (77-ENAs-27) (A) **N 98**
Space Shuttle Seals (BTR) **S 52**
Waste Management for Shuttle (77-ENAs-26) (A) **N 98**

Shuttle Transportation Systems
A Space Station for the 1980's—A Look at the Next Generation of Operational Systems and Their Functional Requirements (77-ENAs-37) (A) **N 98**
SI Units
Eye on SI (C) **Mr 50**
Force, Mass Morass (C) **Ja 55**
A Learning Program for Engineering and Scientific Professionals in the Oil and Gas Industry Concerning Metrication and SI Units (76-Pet-10) (A) **Ja 99**
No III Effects (C) **O 56**
No Worse Force Choice (C) **My 49**
Of Moles and Math (C) **S 45**
SI Facts Shrinking Fast (C) **D 54**
S.I.—The Weight/Mass Controversy **S 40**
Stress on CGS (C) **Ag 43**
Those Dekameter-Newton (dam-N) Metrics! (C) **Jl 51**
Siapino, B. D. Mining Manganese Nodules from the Ocean Floor **Ag 20**
Sibbitt, B. E. Radiant Transmittance of V-Corrugated Transparent Sheets with Application to Solar Collectors (76-WA/Sol-1) (A) **F 130**
Siddall, W. F. *(recipient)* Prime Movers Committee Award **D CR-13**
Sidell, R. S. An Efficient Simulation Method for Distributed Lumped Fluid Networks (76-WA/Flcs-1) (A) **Ap 101**
Siegel, R. Elections to Fellow Grade **My 86**
Siegmund, C. W. Particulate Emissions From Residual Fuel Fired Boilers: Influence of Combustion Modification (76-WA/APC-3) (A) **Ap 103**
Sieker, W. D. Rain Erosion Considerations for Launch Vehicle Insulation Systems (77-ENAs-15) (A) **O 109**
Sievers, G. K. NASA's Quiet, Clean General Aviation Turbofan (QCGAT) Program Status (77-GT-77) (A) **Ag 102**
Signal-to-Noise Ratio
Low S/N Ratio Hampers Engineering Progress **Ag 26**
Signomials
Maximization of Signomials or Posynomials (77-DET-4) (A) **D 101**
Silicon Nitride
Design Properties of Silicon Nitride for High Temperature Gas Turbine Application (77-GT-55) (A) **Ag 99**
Silicone Fluids
Silicone Fluid Warms Water Heater (BTR) **Jl 59**
Sill, B. L. The Interrelationship Between Eddy Viscosity, Mixing Length, Entrainment and Width Growth Models in Turbulent Flows (77-FE-20) (A) **O 110**
Siminski, V. J. Development of a Hybrid Catalytic Combustor (77-GT-84) (A) **Ag 103**
Simmonds, J. G. Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) (A) **S 98**. Stress-Intensity Factors for Very Short Cracks in Arbitrary Pressurized Shells (76-WA/APM-29) (A) **Jl 104**
Simmons, H. C. The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays. Part I: The Drop-Size/Volume-Fraction Distribution (76-WA/GT-9) (A) **Mr 97**. Part II: The Drop-Size/Number Distribution (76-WA/GT-10) (A) **Mr 97**
Simmons, H. R. Vibration Energy: A Quick Approach to Rotor Dynamic Optimization (76-Pet-60) (A) **Ja 105**
Simoneau, R. J. Velocity and Temperature Profiles in Near-Critical Nitrogen Flowing Past a Horizontal Flat Plate (77-HT-7) (A) **O 101**
Simpson, J. W. *(recipient)* George Westinghouse Gold Medal **Ja CR-6**
Simpson, aw. j. Acoustodynamics of the Longitudinal Colinear Impact of Finite Elastic Cylinders (76-WA/DE-19) (A) **Ap 9 $**
Simulated Gases
Recent Tests of Industrial Gas Turbine Combustors Fueled with Simulated Low Heating Value Coal Gas (76-WA/GT-3) (A) **Mr 96**
Simulated Service Loads
A Comparison of the Stress Levels in One- and Two-Wear 36-In.-Diameter Wheels Under Simulated Service Loads (77-RT-13) (A) **Ag 107**
Simulation
An Efficient Simulation Method for Distributed Lumped Fluid Networks (76-WA/Flcs-1) (A) **Ap 101**
Theory of Modelling and Simulation (CB) **Ap 107**
Simulation Gaming
Simulation Gaming in Energy-Management Education **Mr 29**
Simulation Methodology
Development of a Simulation Methodology for Optimizing Locomotive Suspension Systems (77-RT-6) (A) **Ag 107**
Simulation Techniques
Simulation Techniques in Seismic Qualification of Category 1 Auxiliary Equipment (77-DGP-18) (A) **D 100**
Sincon System
Cveyor System Features Self-Accumulation (BTR) **Je 58**
Singh, G. Down Sloping Inclined Pipe Flow Regime Transactions (76-Pet-30) (A) **Ja 101**. Down Sloping Inclined Pipe Pressure Drop and Holdup (76-Pet-29) (A) **Ja 102**
Singh, K. P. A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) (A) **Ja 112**
Singh, P. P. A Potential Low NOx Emission Combustor for Gas Turbines Using the Concept of Hybrid Combustion (77-GT-15) (A) **Ag 96**
Singh, R. Simulation of a Two Cylinder Compressor for Discharge Gas Pressure Oscillation Prediction (76-WA/FE-10) (A) **F 135**
Singh, T. An Optimizing Design Point Program for Selection of a Gas Turbine Cycle (77-GT-108) (A) **Ag 106**
Single-Input/Output Systems
Designing Low-Order, Near-Optimum Controllers with Just a Little Algebra (76-WA/Aut-5) (A) **My 92**
Single-Injury Tool-Life Models
Tool-Life Distributions—Part 1: Single-Injury Tool-Life Model (76-WA/Prod-36) (A) **Jl 100**
Sinitsin, E. Superheated Liquids: Thermophysical Properties. Homogeneous Nucleation and Explosive Boiling-Up (77-HT-87) (A) **N 105**
Siuru, W. D., Jr. Response of a Tubulent Pipe Flow to a Change in Roughness (77-FE-3) (A) **S 99**
Sixsmith, H. A Regenerative Compressor (76-WA/PID-22) (A) **Je 108**
Skladany, J. T. Thermal Design of the IUE Hydrazine Auxiliary Propulsion System (77-ENAs-45) (A) **N 99**
Skop, R. A. Added Mass and Damping Forces on Circular Cylinders (76-Pet-3) (A) **Ja 98**
Skripov, V. Superheated Liquids: Thermophysical Properties. Homogeneous Nucleation and Explosive Boiling-Up (77-HT-87) (A) **N 105**
Skrokov, M. R. Microprocessor Control Benefits in Olefins Plant Design (76-Pet-63) (A) **Ja 105**
Slack Action
Controlling Slack Action in a Unit Train (77-RT-12) (A) **Ag 107**
Slag-Seed Gas Conditions
A MHD Simulation Test Facility for Investigating the Thermal Properties of a Slag/Seed Coated Radiant Boiler and Superheater for a 2000-MWt MHD Power Plant (77-HT-64) (A) **N 101**
Slagging
Effects of Slagging in MHD Generator Ducts (77-HT-59) (A) **O 106**
Sled Tests
Aerothermal and Rain Erosion Behavior of Selected Candidate Plastic Radome Materials in Mach 5 Sled Tests (77-ENAs-16) (A) **N 96**
Slegel, D. L. Measurement of Buoyant Jet Entrainment from Single and Multiple Sources (77-HT-43) (A) **O 104**
Slender Beams
The Effect of Principal Bending Curvature on the Lateral Buckling of Uniform Slender Beams (77-APM-22) (A) **S 96**
Slender Channel Equations
Entry Flow in Straight and Curved Channels With Slender Channel Approximations (77-FE-2) (A) **S 99**
Sliders
Vibrational Analysis of Mechanics Using Constant Length Finite Elements (76-WA/DE-21) (A) **Ap 99**
Sliding Contact
Experimental Verification of Thermoelastic Instabilities in Sliding Contact (76-Lub-21) (A) **F 143**
Sliding Sills
The Sliding Sill Underframe in Impact Situations (76-WA/RT-13) (A) **Mr 96**
Sliding Speeds
Effects of Load, Speed and Surface Roughness on Sliding EHD Contact Temperatures (76-Lub-23) (A) **F 141**
Slip Factors
A Method of Calculating the Slip Factor of Centrifugal Compressors from Deviation Angle (77-GT-64) (A) **Ag 101**
Slip Flow
Two-Phase Slip Flow Quality Determination by Non-Isokinetic Tracer Sampling (76-WA/HT-72) (A) **Je 115**
Sludge Disposal
Development of a Data Base of the Future Regulation of Flue Gas Desulfurization Sludge Disposal (76-WA/APC-5) (A) **Ap 103**
Slurry Pipelines
Design Parameters for LNG-Crude Oil Slurry Pipelines (76-Pet-16) (A) **Ja 100**
Slurry Pipeline Design and Operation Pitfalls to Avid (76-Pet-12) (A) **Ja 99**
Slusher, T. G. Engineering Education for Practice (EN) **My 66**
Sluyter, M. M. Heat Transfer Problems Associated With an MHD Power Generation System—An Overview (77-HT-62) (A) **N 102**
Small, N. C. Plastic Collapse of Oval Straight Tubes Under External Pressure (77-PVP-57) (A) **D 105**
Smelser, P. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**
Smith, A. M. Combined Conductive and Radiative Heat Transfer in an Absorbing and Scattering Medium (77-HT-50) (A) **O 105**
Smith, B. *(editor)* Journals in Translation (CB) **F 144**
Smith, C. H. Gas Turbine Installations for Air Cushion Vehicle Lift and Propulsion Power—The AALC JEFF Craft (77-GT-71) (A) **Ag 101**
Smith, C. O. Dare You Ride Your Snowmobile? (77-RC-13) (A) **Ag 108**. Failure of a Welded Blower Fan Assembly (76-WA/Mat-2) (A) **Mr 98**
Smith, C. W. Stress Intensity Factors Reactor Vessel Nozzle Cracks (77-PVP-30) (A) **D 102**
Smith, D. L. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**
Smith, J. P. *(recipient)* Marjorie Roy Rothermal Memorial Scholarship **N 90**
Smith, K. R. A Mathematical Simulation of the Curve Entry and Curve Negotiation Dynamics of Flexible Two Axle Railway Trucks (76-WA/RT-14) (A) **Mr 96**
Smith, L. T. An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) (A) **Je 105**
Smith, M. B. Deviation Forces Arising from Single Bit Tooth Indentation of Anisotropic Porous Media (76-Pet-52) (A) **Ja 104**
Smith, M. C. An Experimental Investigation of Incompressible Channel Flow Near Transition (77-FE-19) (A) **O 110**
Smith, M. R. *(author)* Harpers Ferry Armory and the New Technology: The Challenge of Change (CB) **O 113**
Smith, P. R. The New Mexico Department of Agriculture Solar Heated and Cooled Building (76-WA/Sol-10) (A) **F 131**
Smith, P. R. Seismic Qualification of Cable Tray Systems (77-PVP-6) (A) **N 106**
Smith, R. E. A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) (A) **Mr 100**. Nonlinear Finite Element Analysis of Buttress Threaded Casing Connections (76-Pet-82) (A) **Ja 108**
Smith, T. F. Radiative and Convective Transfer for Real Gas Flow Through a Tube with Specified Wall Heat Flux (77-HT-13) (A) **O 101**
Smoke
Prediction and Measurement of Two-Stroke Cycle Diesel Engine Performance and Smoke at Altitude (77-DGP-3) (A) **D 100**
Smoke Generators
Wingtip Smoke Generator (BTR) **Mr 57**
Snap Fit Design
Snap Fit Design Concepts (76-WA/DE-3) (A) **Mr 104**
Snap Fitting
Snap Fit Design **Jl 35**
Squeezing
The Squeezing of a wflaid Between Two Plates (76-WA/APM-14) (A) **Jl 103**
Snider, A. D. Analysis of Arrays of Extended Surface (77-HT-31) (A) **O 103**
Snow, A. Energy Policy Implications (C) **Jl 48**
Snowmobiles
Dare You Ride Your Snowmobile? (77-RC-13) (A) **Ag 108**
Snyder, A. E. How Technology Works in Our Society—(76-WA/Mgt-2) (A) **Je 104**
Snyder, D. J., Jr. Perspectives of the Legal System (77-DE-22) (A) **S 90**
Snyder, J. E. Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) (A) **My 92**

Snyder, L. E. (recipient) Gas Turbine Award **Ja CR-7**
So, W. Finite Element Track Buckling Model (77-RT-5) (A) **Ag 07**
Social Security
Social Security: What's In It For You? (PS) **O 87**
Soci-Technical View
Assessing Technological Conflicts **My 73**
Behind Every Apathetic Engineer Lies an Engineering Education **S 73**
A Case of Laryngitis **F 83**
Education for Engineering Responsibility **D 81**
The Engineer Faces Unethical Practices **Mr 83**
Engineers and Their Associates **Ag 75**
Engineers, Unions, and Common Sense **Ja 81**
The Importance of Responsible Dissent **Jl 77**
Needed: A Definitive Approach to Product Liability **O 89**
Toward the Broad-Gauge Engineer **Ap 79**
Whose Fault Is It—The Operator's or the Product's? **N 82**
Sociotechnical Systems
Beyond Galaxies (C) **S 45**
Toward the Understanding of Technology in Society—Part 1: The Basic Pattern **Mr 41**; Part 2: Divergent Paths—Technology and Values **Ap 32**; Part 3: The Sources of Basic Needs—Can We Fulfill Them? **My 32**
Sodium-Heated Evaporators
Sodium-Heated Evaporator Critical Heat Flux Experiments at Subcritical Pressure Conditions for Commercial LMFBR Plant Application (76-JPGC-NE-10) (A) **Ja 112**
Sodium Heating
Post-Critical Heat Flux Fouling by System Corrosion Products in a Model Sodium Heated Steam Generator (76-WA/NE-12) (A) **Ap 94**
Sodium Ingestion Patterns
Gas Turbine Salt Ingestion Analysis (77-GT-20) (A) **Jl 94**
Sodium Leaks
Sodium Heated Steam Generator Tube Wastage Due to Water/Steam to Sodium Leaks—Theory and Correlation (76-WA/HT-77) (A) **Je 116**
Sodium Sulfate Decahydrate
Coolness Storage in a Sodium Sulfate Decahydrate Mixture (76-WA/HT-35) (A) **Je 111**
Sodium Water Reaction Products
Economical Removal of Sodium Water Reaction Products (SWRP) from an LMFBR Intermediate Heat Transport System (IHTS)— (76-WA/HT-71) (A) **Je 115**
Sodium/Water Reactions
Analysis of Sodium/Water Reactions in a Steam Generator Loop of the Clinch River Breeder Reactor Plant (76-JPGC-NE-11) (A) **Ja 113**
Soedel, W. Simulation of a Two Cylinder Compressor for Discharge Gas Pressure Oscillation Prediction (76-WA/FE-10) (A) **F 135**
Software
The Computer Wave (CT) **Jl 76**
Programmable Calculators Feature Solid-State Software (BTR) **O 66**
Software Reliability: Principles and Practices (CB) **My 103**
State-of-the-Art Computer Software Piping Analysis According to Section III of ASME B&PB Code (76-WA/PVP-18) (A) **Mr 102**
Soil Moisture
Heat Transfer in Soils with Freezing and Melting of Moisture (76-WA/HT-22) (A) **My 100**
Soland, J. G. Performance Ranking of Plate-Fin Heat Exchanger Surfaces (76-WA/HT-31) (A) **Je 110**
Soland, R. M. The Partitive Analytical Forecasting (PAF) Technique as an Aid in Long-Term Research and Development Program Planning (76-WA/Mgt-4) (A) **Je 104**
Solar Assisted Heat Pump Systems
The Proper Use of Thermal Storages for a Solar Assisted Heat Pump Heating System (76-WA/HT-76) (A) **Je 116**
Solar Cells
New Solar Cell (EN) **Mr 76**
Solar Central Receiver
Description of Thermal Storages Sub-System Designs for ERDA's 10 MW(e) Solar Central Receiver Pilot Plant (76-WA/HT-68) (A) **Je 115**
Solar Collectors
Experimental Evaluation of a Cylindrical Parabolic Solar Collector (76-WA/HT-13) (A) **My 99**
Face South for Solar (NB) **N 75**
Get Off the Roof/Get Onto the Insulation (ES) **F 30**
Solar Concentrators
Analysis of a Flat Mirror Solar Concentrator (76-WA/HT-11) (A) **My 99**
Solar Cooling Systems
Solar Cooling at Frenchman's Reef (BTR) **O 68**
Solar Electric Propulsion System
Rendezvous With Halley's Comet (BTR) **S 48**
Solar Energy
Analysis of Thermal Performance of "Solaris" Water Trickle Solar Collector (76-WA/Sol-21) (A) **F 132**
A Data Acquisition, Performance Evaluation and Monitoring System for Solar Heated/Cooled Residential Dwellings (76-WA/Sol-13) (A) **Mr 102**
Design and Simulation Studies for the Shenandoah Community Center Large-Scale Solar Cooling Demonstration (76-WA/Sol-15) (A) **Mr 103**
Development of Compound Parabolic Concentrators for Solar Thermal Applications (76-WA/Sol-11) (A) **F 132**
Down With Winter! (C) **Ag 42**
An Economic Analysis of Thermic Diode Solar Panels (76-WA/Sol-7) (A) **F 130**
An Experimental and Analytical Investigation of a Solar Water Heater (76-WA/Sol-22) (A) **Mr 103**
Experimental Measurements and System Implications of the Performance of Flat Plate Solar Collector Configurations (76-WA/Sol-14) (A) **Mr 102**
A Fifth Monument for Mt. Rushmore (ES) **F 31**
Generalized Weather Functions for Computer Analysis of a Solar-Assisted HVAC Systems (76-WA/Sol-20) (A) **Mr 103**
Heat Pipes in Flat Plate Solar Collectors (76-WA/Sol-12) (A) **Mr 102**
Heat Transfer Considerations of a Nonconvecting Solar Pond Heat Exchanger (76-WA/Sol-4) (A) **F 131**
Indoor Test Methods to Determine the Effect of Vacuum on the Performance of a Tubular Flat Plate Collector (76-WA/Sol-24) (A) **Mr 103**
International Solar Energy Conference and Exhibit, preview (NR) **Mr 73**
Intraregional Variation of Radiation Data and Applications for Solar Simulation (76-WA/Sol-9) (A) **F 131**
Low-Cost Solar Dwelling (BTR) **Ap 53**
Michigan Pushes Solar Power (ES) **F 30**
New Career Paths in Engineering: Applications of Solar Energy **O 50**
New Career Paths in Engineering—Geothermal Energy **N 50**
New Career Paths in Engineering—Materials: The Stuff of Which Things Are Made **Ag 38**; New Career Paths in Engineering: Ocean Engineering **S 42**
New Career Paths in Engineering—Preparing for an Engineering Career **Ap 48**
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**
The New Mexico Department of Agriculture Solar Heated and Cooled Building (76-WA/Sol-10) (A) **F 131**
Optimal Mass Flow Rates Through Flat Plate Solar Collector Panels (76-WA/Sol-19) (A) **F 132**
Performance Evaluation on the Owens-Illinois Sunpack Solar Energy Collector (76-WA/Sol-16) (A) **F 132**
Performance Measurements of a Cylindrical Glass Honeycomb Solar Collector Compared with Predictions (76-WA/Sol-3) (A) **F 131**
A Preliminary Assessment of Solar Energy Technology (76-WA/TS-1) (A) **My 88**
Radiant Transmittance of V-Corrugated Transparent Sheets with Application to Solar Collectors (76-WA/Sol-1) (A) **F 130**
Rooftop Solar Farming (BTR) **Jl 54**
Silicone Fluid Warms Water Heater (BTR) **Jl 59**
Simulation and Operation of a Solar Powered Organic Rankine Cycle Turbine (76-WA/Sol-18) (A) **Mr 103**
Solar Air Conditioning (EN) **Jl 72**
Solar Comments (C) **Ja 54**
Solar Distinctions (C) **Je 51**
Solar-Electric Automobile (IF) **My 60**
Solar Energy Fundamentals in Building Design (CB) **S 102**
Solar Heating and Cooling and Energy Conservation Potentials for Commercial Buildings (76-WA/Sol-17) (A) **F 132**
Solar Heating in the United States (76-WA/Sol-8) (A) **F 131**
Solar Powered Absorption Cycle Simulation Using Real and Stochastic Weather Data (76-WA/Sol-6) (A) **F 131**
Solar Heat's Competitive with Electricty (ES) **My 23**
Solar Power, Texas Style (BTR) **Je 60**
Solar Prognosis (C) **F 56**
Solar Thermal Electric Power Systems: Manufacturing Cost Estimation and Systems Optimization (76-WA/HT-14) (A) **My 99**
Solar's a Billion Dollar Market (ES) **D 18**
The Temperature Distribution Along an Absorbing-Emitting Fluid Layer Flowing over an Opaque Substrate (76-WA/Sol-5) (A) **F 131**
Thermal Simulation of a Building with Solar Assisted Closed Liquid Loop Unitary Heat Pumps (76-WA/Sol-23) (A) **Mr 103**
A Two-Dimensional Heat Transfer Model of a Flat Plate Collector (76-WA/Sol-2) (A) **F 131**
The Uses of Solar Energy **Ap 85**
Where the Sun Shines Bright (C) **Ap 51**
Which Solar System? (ES) **Je 25**
Solar Energy Collectors
Experimental Evaluation of a Stationary Spherical Reflector Tracking Absorber Solar Energy Collector (76-WA/HT-10) (A) **My 98**
Magnetic Encephalograph (BTR) **N 62**
Solar Test Facility (BTR) **My 57**
Solar Energy SKTORAGE
Heat Transfer in Solar Energy Storage (77-HT-38) (A) **O 104**
Solar-Heated Residential Complex
Solar-Heated Complex on the Minnehaha **Ap 59**
Solar Heating
Solar Data Bank (ES) **Mr 22**
Solar Heating in North America **N 36**
Solar Heating Thermal Storage Feasibility (76-WA/HT-36) (A) **My 101**
A Study of the Economic Feasibility of a Thermal Energy Storage System for Solar Heating Applications Using a PCM (76-WA/HT-63) (A) **Je 114**
World's Largest Solar Heating System (BTR) **Ja 59**
Solar-Heating Systems
Double-Exposure Collectors with Mirrors for Solar-Heating Systems (76-WA/HT-16) (A) **My 99**
Solar Industry Growth
Solar Industry Growth Hinges on Federal Support of Research & Development (NR) **F 70**
Solar Irrigation
Solar Irrigation (ES) **F 30**
Solar Ponds
Exploring Stability Criteria of Solar Ponds (76-WA/HT-62) (A) **Je 114**
Solar Power Plants
Correction (C) **Ja 55**
80-kw Solar Power Plant (IF) **D 66**
Solar-Powered Irrigation
Solar-Powered Irrigation (BTR) **Je 52**
Solar Radiation Data
Hourly Solar Data (BTR) **S 53**
Solar Radiation Transfer
Prediction of Radiation Absorption and Scattering in Turbid Water Bodies (77-HT-47) (A) **O 104**
Solar Research
Solar Research Grant (EN) **D 74**
Utilities Look to the Sun (ES) **Mr 22**
Solar Sea Power
The OTEC Answer to OPEC: Solar Sea Power! **Je 26**
OTEC Impact (C) **S 47**
Solar Steam Generators
Solar Steam Generator Tests Near End (BTR) **Ag 49**
Solar Systems
SOLCOST: An Aid to Designing Solar Systems (CT) **D 80**
Solar-Thermal Energy Storage
A Pressurized Liquid Concept for Solar-Thermal Energy Storage for the 24-Hour Continuous Operation of an Energy Conversion System (76-WA/HT-38) (A) **Je 111**
Solar Tracking Mechanism
A Self-Contained Solar Powered Tracking Device (76-WA/HT-26) (A) **Je 110**
Solar Water Heating
$3.4 Million Goes to 51 Hotels (ES) **D 19**
Solberg, R. F., Jr. Conflict Management for Engineers (77-DE-6) (A) **S 88**
Solbrig, G. W. Prediction of Reflood Heat Transfer with Standard Loop Programs (76-WA/HT-54) (A) **Je 113**
Soler, A. I. Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) (A) **F 133**
Solid Lubricants
The Transport and Breakdown of Solid Lubricants in a Simple Forging Operation (76-Lub-16) (A) **F 141**
Solid Particle Erosion
Turbine Damage by Solid Particle Erosion

(76-JPGC-Pwr-15) (A) **Ja 110**

Solid Particles
Effects of Surface Hardness and Other Material Properties on Erosive Wear of Metals by Solid Particles (76-WA/Mat-8) (A) **Mr 99**

Solid-State Software
Programmable Calculators Feature Solid-State Software (BTR) **O 66**

Solid Waste
Corrosion and Deposits From Combustion of Solid Waste Part V: Firing of Refuse with High-Sulfur Coal (76-WA/CD-1) (A) **My 91**
Energy from Solid Wastes (CB) **F 144**
Precious Garbage (EN) **N 77**
A Solid Waste Package Deal—Energy and Materials from Garbage **D 24**

Solid Waste Disposal
From Trash to Cash (BTR) **Je 58**

Solidification Systems
Radioactive Waste Converted to Glass (BTR) **D 61**

Solids
Energy—Fluid Fuels from Solids **N 30**
Point Force Solution for an Infinite Transversely Isotropic Solid (76-WA/APM-18) (A) **Jl 103**

Soliman, B. F. An Investigation of the Forces on Three-Dimensional Bluff Bodies in Rough Wall Turbulent Boundary Layers (76-WA/FE-1) (A) **F 134**

Soliman, H. M. Heat Transfer, Pressure Drop, and Performance Evaluation of a Quintuplex Internally Finned Tube (77-HT-46) (A) **O 105**

Solutes
The Concentration Polarization of Solutes Within Biological Cells (76-WA/Bio-4) (A) **Jl 101**

Solution Bounds
Solution Bounds for Transient Vibration Problems (76-WA/APM-27) (A) **Jl 104**

Solution Scrubbing
Aqueous Solution Scrubbing for NO_x Control in Munitions Incineration (76-WA/Fu-9) (A) **Je 103**

Solvent-Refined Coal
Combustion of Pulverized Solvent-Refined Coal (76-WA/Fu-6) (A) **Je 102**

Sommers, R. R., II Design Optimization of a Single Fluid, Solid Sensible Heat Storage Unit (76-WA/HT-64) (A) **Je 114**

Soni, A. H. Synthesis of R-S-S-R Mechanism for Coordinating Input-Output Displacements for Finitely and Infinitesimally Separated Positions (76-WA/DE-5) (A) **Mr 104**

Soong, T.-C. The Dynamics of Discus Throw (76-WA/APM-34) (A) **Jl 105**

Sootblower Systems
Using Digital Control for Utility Boiler Sootblower Systems (76-JPGC-Pwr-8) (A) **Ja 109**

Sosa, F. Reducing Casing Vibrations on Large Vertical Circulating Water Pumps (77-FE-28) (A) **O 110**

Soukup, R. J. Computerized Aid for Liquid Pipeline Scheduling and Dispatching Functions (77-Pet-20) (A) **D 106**

Sound Pressure Levels
Acoustic Characteristics of a Car Cavity and Estimation of Interior Sound Field Produced by Vibrating Panel (76-WA/DE-1) (A) **Mr 104**

Southwick, W. O. Mechanical Properties of Fractures as Function of Healing Time (77-Bio-2) (A) **S 98**

Space Colonies
A Closed Life-Support System for Space Colonies (77-ENAs-18) (A) **O 109**

Space Flight Techniques
Space Techniques to Boost Food Output (BTR) **Mr 65**

Space Heating Systems
Design of a Low-Cost Space Heating System Using Warm Geothermal or Industrial Effluents (77-DE-26) (A) **S 91**
Status of EPA's Residential Space Heating Research Program—1976 (76-WA/Fu-4) (A) **Je 103**

Space Satellite Devices
Electrochemical Energy Conversion—Part 2: Utilities, Marine and Space Applications **Jl 28**

Space Shuttle
Food and Medical Sample Freezer Kit Concept for Shuttle (77-ENAs-23) (A) **N 97**
Space Shuttle Seals (BTR) **S 52**

Space Shuttle Main Engine
The Space Shuttle Main Engine High-Pressure Fuel Turbopump Rotordynamic Instability Problem (77-GT-49) (A) **Ag 99**

Space Shuttle Orbiter
Space Shuttle Orbiter Radiator System (77-ENAs-33) (A) **N 98**

Space Shuttles
Determination of Three-Dimensional Radiative Exchange Factors for the Space Shuttle by Monte Carlo (77-HT-49) (A) **O 105**
Space Shuttle Lets You Fly Your Own Space Experiment (EN) **O 81**

Space Spinoff
Space Spinoff Aids Fusion Research (BTR) **S 50**

Space Station Prototype
Space Station Prototype Advanced Life Support System Hardware Testing (77-ENAs-32) (A) **N 98**

Space Stations
Space Construction Base Support Requirements for Environmental Control and Life Support Systems (77-ENAs-44) (A) **N 99**
A Space Station for the 1980's—A Look at the Next Generation of Operational Systems and Their Functional Requirements (77-ENAs-37) (A) **N 98**

Space Suit-Life Support Systems
Space Suit of the 80's (BTR) **S 49**

Space Technology
Automatic Laser Gaging (BTR) **N 64**
Doubling Range of Electric Cars (BTR) **Ja 62**
A Prelude to Living in Space (NR) **Je 73**

Spacecraft
"Bottle" Dropped into Cosmic Ocean (BTR) **N 58**
Development of a Three-Man Preprototype CO Collection Subsystem for Spacecraft Application (77-ENAs-19) (A) **N 96**
Venusian Orbiter (BTR) **F 62**
Wash Water Reclamation Technology for Advanced Manned Spacecraft (77-ENAs-50) (A) **N 100**

Spacecraft Payloads
Fluid Loop Systems for Use in Spacecraft Thermal Control (77-ENAs-13) (A) **O 109**

Spacelab Environmental Control
The Spacelab Environmental Control/Life Support Subsystem (77-ENAs-24) (A) **N 97**

Spachner, S. A. Establishing Concrete R&D Payback Criteria to Increase Cost Effectiveness of R&D Operations (77-DE-25) (A) **S 91**

Sphagnum Moss
The Ground Temperature Boundary Condition Provided by a Moss Covered Surface (76-WA/HT-61) (A) **Je 114**

Spalvins, T. New Applications of Sputtering and Ion Plating (77-DE-21) (A) **S 90**

Sparks, J. F. The V.P.I. Gas Turbine and Turbomachinery Research Laboratory (77-GT-73) (A) **Ag 102**

Sparrow, E. M. Heat Transfer in Complex Duct Flows (77-HT-95) (A) **N 105**

Spatial Mechanisms
Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) (A) **Ap 96**

Spaziani, J. C. Fuel Performance in Babcock & Wilcox Pressurized Water Reactors (76-WA/NE-16) (A) **Ap 94**

Spectral Transmittance
Accurate Spectral Modeling for Infrared Radiation (77-HT-69) (A) **N 102**

Spectrographic Oil Analysis
Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) (A) **F 142**

Spectroscopic Methods
Prediction of Instantaneous Temperature Using Spectroscopic Method (76-WA/TM-3) (A) **Je 104**

Spence, J. The Flexibility of Curved Pipes in Creep (76-WA/PVP-4) (A) **Mr 100**

Spent Fuel
Refocusing on "Reprocessing" (C) **Mr 53**

Spent Fuel Racks
New High-Density Spent Fuel Rack Design (76-WA/NE-2) (A) **Ap 92**

Sperman, J. H. Into the Sun (C) **Mr 51**; Of Spaceflight and Letter-Writing (C) **D 53**; On Sun-Bound Wastes (C) **Ag 42**

Spheremobile
Torque Converter Spherical Wheel (76-WA/DE-8) (A) **Ap 96**

Spheres
Low Knudsen Number Creeping Motion of Two Touching Spheres (76-WA/APM-28) (A) **Jl 104**
Subcooled Film-Boiling Heat Transfer from Spheres (77-HT-78) (A) **N 104**

Spherical Acrylic Hulls
Development of Economical Casting Process for NEMO-Type Acrylic Submersible Hulls (76-WA/OcE-7) (A) **My 95**
Spherical Acrylic Plastic Hulls Under External Explosive Loading (76-WA/OcE-4) (A) **My 94**

Spherical Reflector Tracking Absorbers
Experimental Evaluation of a Stationary Spherical Reflector Tracking Absorber Solar Energy Collector (76-WA/HT-10) (A) **My 98**

Spherical Sector Windows
Spherical Sector Windows With Restrained Edge for Undersea Applications (76-WA/OcE-3) (A) **My 94**

Spherical Shells
Characterization of Fracture in Vessels and Piping (76-WA/PVP-2) (A) **Mr 100**
Creep Buckling of a Complete Spherical Shell (76-WA/APM-8) (A) **Je 109**
Plastic Instability of Thin-Walled Spherical and Cylindrical Shells of Laminated Construction (77-PVP-40) (A) **D 104**

Spherical Water Drop
High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) (A) **F 137**

Spherical Wheels
Torque Converter Spherical Wheel (76-WA/DE-8) (A) **Ap 96**

Spiking
Investigation of Spiking in Electron Beam Welding Using Stationary Stochastic Models (76-WA/Prod-10) (A) **Jl 97**

Spill Control and Recovery Valve
The Spill Control and Recovery Valve—A New Concept for Reducing Fuel Temperatures and the Cost of Ownership of Gas Turbine Control Systems (77-GT-56) (A) **Ag 99**

Spinning Elastic Disks
The Stability of a Spinning Elastic Disk With a Transverse Load System (76-WA/APM-1) (A) **Je 109**

Spinodal Lines
Corresponding States Correlations of the Liquid and Vapor Spinodal Lines (77-HT-20) (A) **O 102**

Spintig, J. The Spacelab Environmental Control/Life Support Subsystem (77-ENAs-24) (A) **N 97**; The Spacelab Environmental Control/Life Support Subsystem (77-ENAs-24) (A) **N 97**

Spitze, L. A. The Preparation of Calcium Superoxide at Subambient Temperatures and Pressures (77-ENAs-55) (A) **N 100**

Spontaneous Stratification
Spontaneous Stratification in LNG Tanks Containing Nitrogen (76-WA/PID-6) (A) **Je 106**

Spool Valves
Some Advances in Evaluating the Effects of Contaminant Lock in Fluid Power Spool Valves (77-DE-3) (A) **S 88**

Sporn, P. *(author)* Energy in an Age of Limited Availability and Delimited Applicability (CB) **Ag 112**

Sposito, V. A. Maximization of Signomials or Posynomials (77-DET-4) (A) **D 101**

Spray Canal Cooling
Simulation of Spray Canal Cooling For Power Plants—Performance and Environmental Effects (76-WA/HT-28) (A) **My 101**

Spray Cooling
An Experimental Study of Heat Transfer from the Wake Region of a Spray Cooled Isothermal Cylinder (77-HT-33) (A) **O 103**

Spray Curtains
Air Entrainment into Water Sprays and Spray Curtains (76-WA/FE-40) (A) **F 138**

Spray Flames
Turbulence Measurements of Spray Flames (77-HT-15) (A) **O 101**

Spray Nozzles
Modeling Environmental Effects on Nozzle Spray Distribution (76-WA/FE-39) (A) **F 138**

Spray Penetration
Fuel Spray Trajectory in Diesel Engines (77-DGP-1) (A) **D 100**

Spring, A. H. Matrix Steam Generator for LMFBR Service (76-JPGC-NE-8) (A) **Ja 112**

Spring, D. J. Viscid-Inviscid Interaction of Incompressible Separated Flows (76-WA/APM-7) (A) **Je 110**

Spring Dampers
Flow-Induced Vibrations of a Hydraulic Valve and Their Elimination (77-FE-24) (A) **S 101**

Spruance Class Destroyers
Design Considerations for Heat Recovery System for DD-963 Class Ship (77-GT-106) (A) **Ag 105**
The First Year's Operating Experience-GE LM2500 Gas Turbine in USS Spruance (DD-963) (77-GT-107) (A) **Ag 105**
Sptize, L. A. Urea Transport Through Composite Polyallylamine Membranes (77-ENAs-5) (A) **O 108**
Sputtering
New Applications of Sputtering and Ion Plating (77-DE-21) (A) **S 90**
Square Cross Section
Organization Fluctuations Due to Flow Past a Square Cross Section Cylinder (76-WA/FE-2) (A) **F 134**
Square Prisms
Turbulent Flow Past a Square Prism (76-WA/FE-5) (A) **F 134**
Squeeze-Film-Dampers
Design of Nonlinear Squeeze Film Dampers for Aircraft Engines (76-Lub-25) (A) **F 142**
Investigation of Squeeze Film Damper Forces Produced by Circular Centered Circular Centered Orbits (77-GT-30) (A) **Ag 96**
Stability of Squeeze-Film-Dampers Supported Flexible Rotors (77-GT-51) (A) **Ag 99**
Steady-State Performance of Squeeze Film Damper Supported Flexible Rotors (77-GT-52) (A) **Ag 99**
Transmissibility Study of a Flexibly Mounted Rolling Element Bearing in a Porous Bearing Squeeze-Film Damper (76-Lub-4) (A) **F 139**
Stability
The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) (A) **S 94**
Stability of a Cluster of Flexible Cylinders in Bounded Axial Flow (77-APM-34) (A) **S 98**
Stability of a Submerged Frozen Crust (76-WA/HT-81) (A) **Je 116**
Stability Criteria
Exploring Stability Criteria of Solar Ponds (76-WA/HT-62) (A) **Je 114**
Stability Parameters
Experimentally Determined Stability Parameters of a Subsonic Cascade Oscillating Near Stall (77-GT-47) (A) **Ag 98**
Stachiw, J. D. Development of Economical Casting Process for NEMO-Type Acrylic Submersible Hulls (76-WA/OcE-7) (A) **My 95**; Spherical Acrylic Plastic Hulls Under External Explosive Loading (76-WA/OcE-4) (A) **My 94**; Spherical Sector Windows With Restrained Edge for Undersea Applications (76-WA/OcE-3) (A) **My 94**
Stack-Staikides, W. J. *(author)* Professional Engineer's Examination Questions and Answers (CB) **Ap 107**
Stadler, W. Natural Structural Shapes of Shallow Arches (77-APM-31) (A) **S 97**
Staff Professionals
Time, the Staff Professional, and Pareto's Law (76-WA/Mgt-3) (A) **Je 104**
Staged Fuel Combustors
Evaluation of a Staged Fuel Combustor for Turboprop Engines (76-WA/GT-5) (A) **Mr 96**
Stahl, J. R. Defect Traceability—An Effective Tool for Improved Quality Control (77-DE-29) (A) **S 92**
Stahlkopf, K. E. A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) (A) **Mr 100**
Stainless Steel Piping
Fatigue Crack Growth of Stainless Steel Piping in a Pressurized Water Reactor Environment (77-PVP-34) (A) **D 103**
Stainless Steels
Erosion of 310 Stainless Steel at 975 °C in Combustion Gas Atmospheres (76-WA/Mat-5) (A) **Mr 99**
A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) (A) **Mr 98**
Stainless Tubes
Carburization Failure of Type 304 Stainless Tubes in LNG Service (76-Pet-76) (A) **Ja 107**
Stall
Experimentally Determined Stability Parameters of a Subsonic Cascade Oscillating Near Stall (77-GT-47) (A) **Ag 98**
Stalled Cascades
Torsional Flutter in Stalled Cascade (77-GT-72) (A) **Ag 101**
Stallmann, E. R. Design Characteristics of Large High Pressure Centrifugal Oxygen Compressor Installations (76-WA/PID-23) (A) **Je 108**
Standard Loop Programs
Prediction of Reflood Heat Transfer with Standard Loop 7 Programs (76-WA/HT-54) (A) **Je 113**
Standard Problem Five
Effects of Modeling Variations on RELAP4 Predictions of Standard Problem Five (76-WA/HT-52) (A) **Je 113**
Standardized Questionnaire
Proposal for a "Standardized Questionnaire" for Flowmeters (76-WA/FM-4) (A) **Je 105**
Standards-Making Process
Voluntary Standards Attacked (Again) (NR) **Je 66**
Stanley, M. D. A Representative Shuttle Environmental Control System (77-ENAs-25) (A) **N 97**
Stanton, G. B. Of Failures and Foresight (C) **N 54**
Stanton, G. B., Jr. Time, the Staff Professional, and Pareto's Law (76-WA/Mgt-3) (A) **Je 104**
Stargardt, W. W. An Economic Analysis of Thermic Diode Solar Panels (76-WA/Sol-7) (A) **F 130**
Starken, H. Experimental Investigations of Supersonic Cascades Designed for High Static Pressure Ratios (77-GT-37) (A) **Ag 97**
Starnes, R. B. Measurements of Torsional Dynamic Characteristics of The San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) (A) **Ja 109**
Staschke, J. Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) (A) **F 142**
Static Acoustic Data
Fan Inlet Disturbances and Their Effect on Static Acoustic Data (77-GT-63) (A) **Ag 101**
Static Characteristics
The Effect of Particulate Contaminants on the Static Characteristics of Fluid Power Relief Valves (77-DE-20) (A) **S 90**
Static Gas
The Energy Release to Static Gas from a 12-Joule High Energy Ignition System (77-GT-18) (A) **JI 93**
Static Loading
Stress Analysis of the Geometric Knee Under Static Loading (77-Bio-6) (A) **S 99**
Static Noise
Static and Flyover Noise Measurements of an Inverted Profile Exhaust Jet (77-GT-81) (A) **Ag 103**
Stator Blades
Boundary-Layer Development on an Axial-Flow Compressor Stator Blade (77-GT-11) (A) **JI 93**
Stator Vanes
Interaction of the Rotor Blade Shock Waves in Supersonic Compressors With Upstream Stator Vanes (77-GT-93) (A) **Ag 104**
Statt, T. G. Evaluation of the Performance for a Pneumatic Trash Collection System (77-RC-1) (A) **Ag 108**
Stauffer, T. R. To Breed or Not To Breed? **F 32**
Steady-State Analysis
A Variable Wave Speed Technique for the Steady-State Analysis of Low-Clearance Gas Bearings (76-Lub-17) (A) **F 140**
Steady-State Conditions
CRBRP Outlet Plenum Behavior During Steady-State and Transient Conditions (77-HT-32) (A) **O 103**
Steam
Laminar Throughflow of Quality Steam Between Corotating Disks (76-WA/FE-41) (A) **F 138**
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) (A) **Je 104**
Steam Check Valves
Impact Energy Calculations for a Steam Check Valve Following a Postulated Pipe Rupture (76-WA/FE-8) (A) **F 134**
Steam Cyclone Separator
Influence of Cone Design Upon Liquid Engrainment Separation for a Steam Cyclone Separator (76-WA/Pwr-6) (A) **F 133**
Steam Electric Units
The Construction of a Large Steam Electric Unit in an Urban Area—An Environmental Case History (76-JPGC-Pwr-13) (A) **Ja 110**
Steam Engines
Regenerative Steam Engine (BTR) **Ag 46**
A Story of Waterworks, Steam Engines, and a Jib Crane **Je 90**
Steam Environments
Evaporation of Small Water Drops Containing Salt in a High-Pressure Steam Environment (76-WA/FE-35) (A) **F 137**
Steam Flood Project
The Chamber Pump and its Application to Hot Wells (76-Pet-91) (A) **Ja 108**
Steam Generation
Some Results on Dynamic Characteristics of Major Components of 1200-MW Fossil Fuel Steam Generating Plant (76-JPGC-Pwr-11) (A) **Ja 110**
Steam Generator Emissions
SO_x Control in Steam Generator Emissions (76-WA/APC-9) (A) **Ap 104**
Steam Generator Tubes
Determination of Burst Pressures for Cracked Steam Generator Tubes (77-PVP-31) (A) **D 102**
Oscillatory Dryout Related Thermal Stresses in Clean Steam Generator Tubes (76-JPGC-NE-2) (A) **Ja 112**
Steam Generators
Analysis of Sodium/Water Reactions in a Steam Generator Loop of the Clinch River Breeder Reactor Plant (76-JPGC-NE-11) (A) **Ja 113**
B&W Awarded ERDA Contract (NB) **N 75**
Duplex Bayonet Tube Steam Generator for Liquid Metal Fast Breeder Reactor Application (76-JPGC-NE-6) (A) **Ja 112**
Effect of System Variables on Departure from Nucleate Boiling in the Clinch River Breeder Reactor Plant Steam Generators (76-JPGC-NE-4) (A) **Ja 112**
Feedwater Chemistry Requirements for HTGR Steam Generator Operation (76-WA/NE-13) (A) **Ap 94**
Functional Performance of a Two-Tube Helically-Coiled Once-Through Steam Generator (76-WA/HT-69) (A) **Je 115**
Interim Evaluation of Exposure Conditions for the Water-Side Corrosion Test of a Sodium Heated Steam Generator Evaporator Model Employing a Duplex Tube (76-JPGC-NE-5) (A) **Ja 112**
Matrix Steam Generator for LMFBR Service (76-JPGC-NE-8) (A) **Ja 112**
Modeling the Effect of Inventory Loss on Steam Generator Heat Transfer (76-WA/HT-70) (A) **Je 115**
Post-Critical Heat Flux Fouling by Steam Corrosion Products in a Model Sodium Heated Steam Generator (76-WA/NE-12) (A) **Ap 94**
Radwaste Treatment Study for a Once-Through Steam Generator Cleaning Solution (76-WA/NE-6) (A) **Ap 92**
70-MW(t) LMFBR Steam Generator Test Facility (76-JPGC-NE-3) (A) **Ja 112**
Sodium Heated Steam Generator Tube Wastage Due to Water/Steam to Sodium Leaks—Theory and Correlation (76-WA/HT-77) (A) **Je 116**
Thermal-Hydraulic Design of a Supercritical, Once-Through Steam Generator for the Molten-Salt Breeder Reactor Plant (76-JPGC-NE-9) (A) **Ja 113**
Steam Generators
Structural and Thermal-Hydraulic Design of a Sodium Heated Duplex Bayonet Tube Steam Generator (76-WA/HT-74) (A) **Je 116**
Steam Hammer Effects
A Method for Estimating Steam Hammer Effects on Swing-Check Valves During Closure (76-JPGC-Pwr-6) (A) **Ja 109**
Steam Management
Energy Conservation-Steam Management in a Refinery (76-Pet-73) (A) **Ja 106**
Steam Power Plants
Water Jet-Centrifugal Pump Combination for Large Steam Power Plant Condensate System (76-JPGC-Pwr-2) (A) **Ja 109**
Steam Power Systems
Transfer of Chemicals in Steam Power Systems (76-JPGC-Pwr-12) (A) **Ja 110**
Steam Turbine Generators
The Catastrophic Failure of a Three-Bearing Steam Turbine-Generator Set (77-Pet-7) (A) **D**
Steam Turbines
Recent Experience with Water Induction in Large Steam Turbines (76-JPGC-Pwr-10) (A) **Ja 110**
Thermal Performance and Reliability Requirements of 5000 Hp to 15,000 Hp High Speed Mechanical Drive Turbines (76-Pet-4) (A) **Ja 98**

Steam/Water Flow
Analytical Approach for Determination of Steam/Water Flow Capability in Power Plant Drain Systems (76-WA/Pwr-4) (A) **F 133**
Steel
High Notch Toughness Steel for Large LPG Tanks (76-Pet-57) (A) **Ja 104**
High Temperature Properties and Constitutive Equations for 1 Cr-1/2 Mo Steel (77-PVP-50) (A) **D 105**
Low-Cycle Fatigue of AISI 1010 Steel at Temperatures up to 1200°F (649°C) (76-WA/PVP-3) (A) **Mr 100**
Steel Casting Industry
Alive, Well, and Willing (C) **S 46**
Profile of Steel Casting Industry (BTR) **Je 55**
Steel Plates
Recently Developed Low Carbon Equivalent Heavy Steel Plate with 80 kg/mm Grade High Tensile Strength (76-Pet-61) (A) **Ja 105**
Steel Service Survey
Those Lazy Days of Summer (NB) **S 65**
Steel Slings
Steel Slings Give Industry a Lift (BTR) **Ja 64**
Steel Vapor
The Potential for Penetration of a Hot Vapor Jet into a Subcooled Liquid (76-WA/HT-78) (A) **Je 116**
Steels
Fatigue Crack Propagation in A533B Steels (76-WA/PVP-6) (A) **Mr 100**
Improved 2¼ Cr-1 Mo Pressure Vessel Steel Through Electroslag Remelting (76-Pet-1) (A) **Ja 98**
A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) (A) **Mr 100**
New Line of Low-Sulfur Steels (BTR) **O 60**
Use of a Brittle Notch DWTT Specimen to Predict Fracture Characteristics of Line Pipe Steels (77-Pet-21) (A) **D 106**
The Weight Savers: High-Strength Steels **Mr 46**
X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) (A) **Mr 99**
Steffens, J. Development and Technology Transfer (76-WA/TS-15) (A) **My 90**
Stein, R. A Portable Personal Cooling System for Mine Rescue Operations (77-ENAs-53) (A) **N 100**; The Preparation of Calcium Superoxide at Subambient Temperatures and Pressures (77-ENAs-55) (A) **N 100**
Steitler, R. W. Modeling the Effect of Inventory Loss on Steam Generator Heat Transfer (76-WA/HT-70) (A) **Je 115**
Stengel, N. Agriculture, Food Production, and Technological Change: A Dynamic System Approach (76-WA/TS-3) (A) **My 88**
Stenoses
Fluid Dynamics of Multiple Noncritical Stenoses (76-WA/Bio-2) (A) **Jl 101**
Step Design
Optimum Step Design for Centering of Pistions Moving in an Incompressible Fluid (77-FE-30) (A) **O 111**
Stepwise Calculations
Rating Shell-and-Tube Condensers by Stepwise Calculations (76-WA/HT-5) (A) **My 97**
Stepwise Regression Analysis
Empirical Correlation of Coal Ash Viscosity with Ash Chemical Composition (76-WA/Fu-3) (A) **Je 102**
Stern Tubes
Laser Beam Centering System (IF) **Je 65**
Stetkar, J. W. Design of an Optimal Total Energy System for a Large Military Installation (76-WA/HT-46) (A) **Je 112**
Stevens, F. A. Solar Distinctions (C) **Je 51**
Stevens, H. C. Thermal Hydraulic and Power Cycle Analysis of Liquid Lithium Blanket Designs (77-HT-84) (A) **N 104**; Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**
Stevens, J. G. Catalytic Combustion Modeling: Comparisons With Experimental Data (77-GT-85) (A) **Ag 104**
Stevens, W. The New Mexico Department of Agriculture Solar Heated and Cooled Building (76-WA/Sol-10) (A) **F 131**
Stevenson, D. W. *(author)* Designing Technical Reports: Writing for Audiences in Organizations (CB) **F 144**
Steward, F. R. Some Characteristics of Fires Within Uniform Fuel Matrices (77-HT-71) (A) **N 102**
Steward, W. G. Experimental Evaluation of a Stationary Spherical Reflector Tracking Absorber Solar Energy Collector (76-WA/HT-10) (A) **My 98**
Stewart, M. B. Small Bubble Motion in an Accelerating Liquid (76-WA/APM-5) (A) **Je 109**
Stewart, W. L. Elections to Fellow Grade **Ap 91**
Stiffness
Stiffness of Machine Tool Joints: A Random-Process Approach (76-WA/Prod-23) (A) **Jl 99**
Stiffness Coefficients
Stiffness Coefficients and Allowable Loads for Nozzles in Flat Bottom Storage Tanks (77-PVP-19) (A) **N 107**
Stiffness Seals
High Stiffness Seals for Rotor Critical Speed Control (77-DET-10) (A) **D 101**
Stimulators
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**
Stingray Pipelines
Stingray Pipeline Automated Measurement and Control System (77-GT-91) (A) **Ag 104**
Stochastic Geometry
Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-WA/Prod-9) (A) **Jl 97**
Stochastic Models
Investigation of Spiking in Electron Beam Welding Using Stationary Stochastic Models (76-WA/Prod-10) (A) **Jl 97**
Stock, D. E. A Numerical Model for Turbulent Diffusion in Gas-Particle Flows (76-WA/FE-33) (A) **F 137**
Stocks
An Investment Primer (PS) **F 81**
Stockwell, R. D. Experimental Verification of Thermoelastic Instabilities in Sliding Contact (76-Lub-21) (A) **F 143**
Stoker, R. C. Heat Transfer in Formation as a Geothermal Reservoir Engineering Tool (77-HT-88) (A) **N 105**
Stokes Roughness
First Effects of Stokes Roughness on Hydrodynamic Lubrication (76-Lub-12) (A) **F 140**
Stokey, W. J. Normal Mode Solution of Fluid Coupled Concentric Cylindrical Vessels (77-PVP-37) (A) **D 103**
Stoll, O. T. Waste Management for Shuttle (77-ENAs-26) (A) **N 98**
Stone, D. H. A Comparison of the Stress Levels in One and Two-Wear 36-In.-Diameter Wheels Under Simulated Service Loads (77-RT-13) (A) **Ag 107**
Stoneking, J. E. Analysis of a Large Saddle Supported Horizontal Pressure Vessel (77-PVP-18) (A) **N 107**
Stoneley Waves
Elastic Interface Waves Involving Separation (77-APM-26) (A) **S 97**
Storage Facilities
Safety and Health Considerations in Handling, Processing, and Storage Facilities of Refuse Derived Fuel (77-RC-11) (A) **Ag 108**
Storage Tanks
Experimental Study of LNG Underground Tank (76-WA/PID-5) (A) **Je 106**
Stiffness Coefficients and Allowable Loads for Nozzles in Flat Bottom Storage Tanks (77-PVP-19) (A) **N 107**
Story, F. Large-Scale Computerization and Project Control Systems in the Design and Construction of Nuclear Power Plants (76-WA/Mgt-9) (A) **Je 105**
Stott, T. E., Jr. Electrons to Fellow Grade **S 87**
Stoudt, R. A. Specifics of Heat Exchanger Design for a 2000-MWt Dual Cycle, MHD Topping-Steam Bottoming Power Plant (77-HT-61) (A) **O 107**
Stouffer, D. C. Design of a Viscoelastic Dynamic Absorber For Machine Tool Applications (76-WA/Prod-20) (A) **Jl 98**
Straight Channels
Dynamics of a Vaporizing Droplet in Laminar Entry Region of a Straight Channel (77-HT-40) (A) **O 104**
Entry Flow in Straight and Curved Channels With Slender Channel Approximations (77-FE-2) (A) **S 99**
Strain Energy Release Rates
Strain Energy Release Rate for Mixed Mode Crack Problem (76-WA/PVP-7) (A) **Mr 100**
Strain Gages
Computer-Based Rational Design of Strain-Gage Load Cells (77-DE-40) (A) **S 92**
Strain Hardening
A Model for a Strain Hardening Pipe Element (77-PVP-47) (A) **D 104**
Special Considerations for Strain Hardening Materials in High Cycle Fatigue (77-PVP-33) (A) **D 103**
Stratosphere's Ozone Layer
Ozone Endangered by Chemical Fertilizers (BTR) **O 62**
Strauss, B. M. Mechanical and Thermal Stress Analysis at Internal Attachment Welds in Clad Heavy Wall Reactors (76-WA/PVP-15) (A) **Mr 101**
Stredulinsky, D. A Note on the Bending of Rods to a Specified Shape (76-WA/OcE-2) (A) **My 94**
Stress Analysis
Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) (A) **F 133**
Stress Analysis of the Geometric Knee Under Static Loading (77-Bio-6) (A) **S 99**
Three Dimensional Elastic Stress Analysis of a Marine Riser Connector Assembly (76-Pet-83) (A) **Ja 108**
Stress Corrosion Cracking
Evaluation of the Sulfide SCC Susceptibility of Tubular Steels (77-Pet-3) (A) **N 108**
Optimizing Crack Growth Resistance in Engineering Alloys (77-DE-17) (A) **S 90**
Stress Histories
A Cycle Counting Procedure for Fatigue Failure Predictions for Complicated Multi-Axial Stress Histories (77-PVP-29) (A) **N 108**
Stress Intensity
Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) (A) **S 98**
Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) (A) **S 96**
Determination of Stress Intensity Factors for Gradient Stress Fields (76-WA/PVP-10) (A) **Mr 100**
Stress Intensity Factors for Reactor Vessel Nozzle Cracks (77-PVP-30) (A) **D 102**
Stress-Intensity Factors for Very Short Cracks in Arbitrary Pressurized Shells (76-WA/APM-29) (A) **Jl 104**
Stress Levels
A Comparison of the Stress Levels in One- and Two-Wear 36-In.-Diameter Wheels Under Simulated Service Loads (77-RT-13) (A) **Ag 107**
Stress Relaxation
Stress Relaxation of a Thick-Walled Tube Shrunk Inside a Rigid Sheet (77-DE-42) (A) **S 93**
Stress Relief Grooves
Field Application of Externally Stress-Relieved Drill Collars (76-Pet-39) (A) **Ja 102**
Stress Requirements
OUTCUR: An Automated Evaluation of Two-Dimensional Finite Element Stresses According to ASME Section III Stress Requirements (76-WA/PVP-16) (A) **Mr 101**
Stress-Strain Variations
Uniaxial Creep Behavior of Metals Under Cyclic Temperature and Stress or Strain Variations (76-WA/APM-6) (A) **Je 109**
Stresses
Influence of Flank Wear on the Stresses in a Cutting Tool (76-WA/Prod-30) (A) **Jl 100**
PACC—A Computer Program for ASME Section III Categorization of Finite Element Stresses (77-PVP-17) (A) **N 106**
Prerupture Behavior of Biosystems Under Stress (77-Bio-3) (A) **S 98**
Stresses in Floating Roofs (76-Pet-74) (A) **Ja 106**
Stresses at the Junction of Conical Pressure Vessel Head and Cylindrical Outlet Caused by Asymmetric Loadings (77-PVP-43) (A) **D 104**
Stretchability
Assessment of Deep-Drawability and by Bulge Test of Concentrically Grooved Metal Disks (76-WA/Prod-14) (A) **Jl 98**
Stribula, M. R. Simulation-Gaming in Energy Management Education **Mr 29**
String Response
Response of a String to an Accelerating Mass (76-WA/APM-26) (A) **Jl 104**
Stringer, J. High-Temperature Corrosion in Fluidized Bed Combustors (76-WA/CD-4) (A) **My 91**
Strinning, P. E. Experimental Study of the Flow Field Within a Transonic Axial Compressor Rotor by Laser Velocimetry and Comparison With Through-Flow Calculations (77-GT-28) (A) **Jl 95**
Strip Forging
Disk and Strip Forging for the Determination of Friction and Flow Strength Values (76-WA/Prod-7) (A) **Jl 97**
Strobel, S. J. *(recipient)* Sylvia W. Farny Scholarship **N 91**
Structural Design
Structural and Thermal-Hydraulic Design of a Sodium Heated Duplex Bayonet Tube Steam Generator (76-WA/HT-74) (A) **Je 116**

Toward Intergrated Structural Design with Advanced Composites (76-WA/Aero-11) (A) **My 97**

Structural Errors
Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) (A) **Ap 96**

Structural Integrity
Structural Integrity (EN) **F 77**

Structural Members
A Simple Technique for the Minimum Mass Design of Continuous Structural Members (77-APM-27) (A) **S 97**

Structural Modeling Graphics
Structural Modeling Graphics: An Aid to Understanding Complex Design Problems (77-DET-6) (A) **D 101**

Structural Optimization Systems
"IRIS," A Computerized High Head Pump Turbine Design System (76-WA/FE-12) (A) **F 135**

Structural Reliability Assurance
Structural Reliability Assurance of an LMFBR Reactor Vessel (76-WA/Saf-2) (A) **Ap 95**

Structural Shapes
Natural Structural Shapes of Shallow Arches (77-APM-31) (A) **S 97**

Structures Technology
A New Role for Structures Technology in Aircraft Configuration Development (76-WA/Aero-8) (A) **My 96**

Strunk, J. F. Application of NE-3000 Rules (77-PVP-25) (A) **N 108**

Stuchlik, T. Coolness Storage in a Sodium Sulfate Decahydrate Mixture (76-WA/HT-35) (A) **Je 111**

Student Competitions
Design with Wire (EN) **Ag 68**
Winning Projects in the Energy Resources Alternatives Competition (EN) **S 66**

Student Competitions on Relevant Engineering (SCORE)
ERA II Competition (EN) **Je 78**

Student Design Competition
Student Design Competition (EN) **F 76**

Student Loans
Money is Available for Student Loans (EN) **N 78**

Sturgess, G. J. Account of Mainstream Turbulence for Predicting Film Cooling Effectiveness in Gas Turbine Combustors (77-HT-10) (A) **O 101**

Stys, Z. S. *(recipient)* Prime Movers Committee Award **Ja CR-7**

Synthetic Aperture Technique
Synthetic Aperture Ultrasonic Inspection of Pressure Vessels and Piping (77-PVP-23) (A) **N 108**

Subcritical Quenching Treatment
A New Look at Subcritical Quenching (SCT) for Fatigue Strength Improvement (77-RT-4) (A) **Ag 106**

Sub-Micron Structures
National Sub-Micron Facility (EN) **N 76**

Substructuring
Repetitive Substructures for Pressure Vessel Analysis (77-PVP-28) (A) **N 108**

Subambient Temperatures
The Preparation of Calcium Superoxide at Subambient Temperatures and Pressures (77-ENAs-55) (A) **N 100**

Subcooled Boiling
Determination of the Point of Net Vapor Generation in Forced Convection Subcooled Boiling (76-WA/HT-86) (A) **Je 117**

Subcooled Film Boiling
Subcooled Film-Boiling Heat Transfer from Spheres (77-HT-78) (A) **N 104**

Subcooled Liquids
The Potential for Penetration of a Hot Vapor Jet into a Subcooled Liquid (76-WA/HT-78) (A) **Je 116**

Sublimation
Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) (A) **Je 115**

Submarine Pipelines
Submarine Pipeline Analysis with an Elastic Foundation by the Finite Element Method (76-WA/OcE-5) (A) **My 95**

Submarine Work Boats
Subsea Work Boats (BTR) **O 58**

Submerged Frozen Crust
Stability of a Submerged Frozen Crust (76-WA/HT-81) (A) **Je 116**

Submerged Production System
Remote Seafloor Oil Production (BTR) **N 58**

Sub-Zero Ambient Temperatures
The Application of Medium-Speed Diesel Engines to Sub-Zero Ambient Temperature (77-DGP-19) (A) **D 100**

Submersible Decompression Chamber
Submersible Decompression Chamber (IF) **Ap 63**

Subramanian, K. Sensing of Drill Wear and Prediction of Drill Life (76-AWA/Prod-33) (A) **Jl 100**

Subsea Oil Production
Subsea Work Boats (BTR) **O 58**

Subsonic Cascades
Experimentally Determined Stability Parameters of a Subsonic Cascade Oscillating Near Stall (77-GT-47) (A) **Ag 98**

Substructuring
Comparison of Iterative and Direct Solution Methods for Substructuring (77-PVP-36) (A) **D 103**
Substructuring as an Everyday Design Tool (77-PVP-27) (A) **N 108**

Suburban Trains
Progress in Rail Transportation **My 44**

Subway Fares
Putting the Brakes on the 50-Cent Fare (EN) **S 68**

Subways
Transit System Safety (IF) **Jl 62**

Sucec, J. Approximate Solution to a Class of Transient Forced Convection Problems (77-GT-58) (A) **Ag 99**

Sugiyama, G. S. Feedback on Fusion (C) **Jl 50**

Suh, N. P. Declamination Wear of Dispersion-Hardened Alloys (76-WA/Prod-29) (A) **Jl 100**; Fluid Delivery and Metering for Reaction-Injection Molding (76-WA/PID-19) (A) **Je 108**; *(recipient)* Gustus L. Larson Memorial Award **D CR-12**

Sulf-X
A New Way to Clean Coal (ES) **Jl 22**

Sulfide
Evaluation of the Sulfide SCC Susceptibility of Tubular Steels (77-Pet-3) (A) **N 108**

Sulfur Coals
Fly Ash Conditioning to Improve Precipitator Efficiency with Low Sulfur Coals (76-WA/APC-8) (A) **Ap 104**

Sulfur Dioxide
Lime/Limestone Air Quality Control Systems: Effect of Magnesium on System Performance (76-WA/APC-10) (A) **Ap 103**

Sulfur Oxides
The Truth About Sulfur Oxides (ES) **Ap 21**

Sulfur Pollution
Nature's Role in Sulfur Pollution (BTR) **Ja 65**

Sulzer Engines
How the Sulzer Medium-Speed Diesel Engines Meet the Demand for Power Generation (77-DGP-7) (A) **D 98**

Summer Employment
Swedish Students Seek Summer Jobs in U.S./Canada (EN) **F 76**

Summerfield, M. Aerothermochemistry of Metal Erosion by Hot Reactive Gases (77-HT-12) (A) **O 101**

Summers, D. A. Design of a Hydraulic Longwall Coal Mining Machine (76-WA/DE-2) (A) **Mr 104**

Sun, C. T. Some Results on Dynamic Characteristics of Major Components of 1200-MW Fossil Fuel Steam Generating Plant (76-JPGC-Pwr-11) (A) **Ja 110**

Sun, D. First Effects of Stokes Roughness on Hydrodynamic Lubrication (76-Lub-12) (A) **F 140**

Sun, K. H. Modeling Environmental Effects on Nozzle Spray Distribution (76-WA/FE-39) (A) **F 138**

Sundaram, T. R. Removal of Suspended and Colloidal Solids from Waste Streams by the Use of Cross-Flow Microfiltration (77-ENAs-51) (A) **N 100**

Sunderland, J. E. An Experimental Study of Heat Transfer from the Wake Region of a Spray Cooled Isothermal Cylinder (77-HT-33) (A) **O 103**

Sunpack Solar Energy Collector
Performance Evaluation on the Owens-Illinois Sunpack Solar Energy Collector (76-WA/Sol-16) (A) **F 132**

Sun's Magnetic Field
Confirm Structure of Sun's Magnetic Field (BTR) **Ag 47**

Sunstrom, G. F. Managing Environmental Monitoring Programs to Meet Engineering and Licensing Requirements for Power Plants (76-WA/Pwr-9) (A) **F 133**

Super Belt
New Timing Belt (IF) **My 60**

Super-Sipper Test
The Development of the Super-Sipper In-Core and Out-of-Core Failed Fuel Detection Systems (76-WA/NE-20) (A) **Ap 95**

Superalloy Turbine Rotors
Experimental Analysis of a Hybrid Ceramic-Wrought Superalloy Turbine Rotor (77-GT-7) (A) **Jl 93**

Supercavitation
Leading-Edge Correction for the Supercavitating Flat-Plate Hydrofoil (77-FE-21) (A) **O 110**

Superconducting Magnets
Development of Large Fiberglass Reinforced Plastic Dewars for Superconducting Magnets at 4 K (76-WA/PID-11) (A) **Je 107**
Milestone for MHD Power (BTR) **Ag 45**
Refrigeration for Forced-Cooled Large Superconducting Magnets (76-WA/PID-4) (A) **Je 106**

Superconducting Power Cables
Thermal Testing of High Performance Cryogenic Envelope for Superconducting Power Cable (76-WA/PID-10) (A) **Je 107**

Superconducting Power Transmission Cables
The Evolution of a Cryogenic Enclosure for a Superconducting Power Transmission Cable (77-HT-75) (A) **N 103**

Superconducting Power Transmissions
The Economics and Requirements of the Helium Refrigerator System for Superconducting Power Transmission Application (76-WA/PID-3) (A) **Je 106**

Superconducting Windings
Transient Thermal Analysis of Epoxy-Impregnated Superconducting Windings in Linearly Ramped Fields (77-HT-77) (A) **N 103**

Superconductive Motors
Superconductive Propulsion Motor **Ja 48**

Superconductors
Transient Behavior of Normal Zones in One-Dimensional Composite Superconductors (77-HT-74) (A) **N 103**

Supercritical Helium
Free Convection of Supercritical Helium-1 in Vertical Insulated Ducts Carrying Axial Heat Flow (77-HT-8) (A) **O 1017**
Numerical Predictions of Heat Transfer to Supercritical Helium to Turbulent Flow Through Circular Tubes (77-HT-6) (A) **O 101**
Propagation of Thermal Waves in Supercritical Helium (77-HT-76) (A) **N 103**

Supercritical Pressures
Free Convection at Supercritical Pressures in Cryo-Fluid 7 Helium-1 (76-WA/PID-14) (A) **Je 108**

Superheat
Homogeneous Nucleation of Bubbles at Negative Superheats (77-HT-58) (A) **O 106**

Superheated Liquids
Superheated Liquids: Thermophysical Properties, Homogeneous Nucleation and Explosive Boiling-Up (77-HT-87) (A) **N 105**

Superheaters
A MHD Simulation Test Facility for Investigating the Thermal Properties of a Slag/Seed Coated Radiant Boiler and Superheater for a 2000-MWt MHD Power Plant (77-HT-64) (A) **N 101**

Superribbon
New Connector System (BTR) **Jl 55**

Supersonic Cascades
Further Developments in the Aerodynamic Analysis of Unsteady Supersonic Cascades Part I: The Unsteady Pressure FieldField (77-GT-44) (A) **Ag 98**; Part 2: Aerodynamic Response Predictions (77-GT-45) (A) **Ag 98**

Supersonic Compressor Rotors
Experimental Investigations of Supersonic Cascades Designed for High Static Pressure Ratios (77-GT-37) (A) **Ag 97**

Supersonic Compressors
Interaction of the Rotor Blade Shock Waves in Supersonic Compressors With Upstream Stator Vanes (77-GT-93) (A) **Ag 104**
Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) (A) **Jl 93**
The Variable Geometry in Supersonic Compressors (77-GT-35) (A) **Jl 95**

Superturbulent Combustion Noise
Superturbulent Combustion Noise (76-WA/Fu-1) (A) **Je 102**

Supply & Demand
Those Supply/Demand Surveys (PS) **Ag 73**

Support Damping
Optimum Bearing and Support Damping for Unbalance Response and Stability of Rotating Machinery (77-GT-27) (A) **Jl 95**

Support Flexibility
Design Considerations in Force-Deflection Relations of Cantilever Beams (77-DE-50) (A) **S 94**

Suratt, W. B. Testing of Direct Contact Heat Exchangers

for Geothermal Brines (77-HT-4) (A) **O 101**

Surface Cracks
Surface Cracks in Cylinders During Thermal Shock (77-PVP-5) (A) **N 106**

Surface Hardness
Effects of Surface Hardness and Other Material Properties on Erosive Wear of Metals by Solid Particles (76-WA/Mat-8) (A) **Mr 99**

Surface Heating
Assessment of Surface-Heating Problems in Laser-Fusion Reactors (77-HT-83) (A) **N 104**

Surface Roughening
Workpiece Surface Roughening in a Hydrodynamically Lubricated Metal Forming Process (76-Lub-15) (A) **F 141**

Surface Roughness
Effects of Load, Speed and Surface Roughness on Sliding EHD Contact Temperatures (76-Lub-23) (A) **F 141**
Influence of Volute Surface Roughness on the Performance of a Centrifugal Pump (77-FE-8) (A) **S 100**

Surface Safety Systems
Surface Safety Systems for Offshore Platforms (76-Pet-89) (A) **Ja 108**

Surface Temperatures
Investigation of Surface Temperature in Electro-Discharge Machining (76-WA/Prod-8) (A) **Jl 97**

Surface Tension Values
Values for the Surface Tension of Water Substance (NR) **Ap 68**

Surface Thermometers
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) (A) **Je 104**

Surface Waves
Instability of Elastically Suspended Tainter-Gate System Caused by Surface Waves on the Reservoir of Dam (77-FE-25) (A) **O 110**

Suryanarayana, N. V. Solar Comments (C) **Ja 54**

Suspended Particulates
Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (76-WA/APC-1) (A) **Ap 103**

Suspended Solids
Removal of Suspended and Colloidal Solids from Waste Streams by the Use of Cross-Flow Microfiltration (77-ENAs-51) (A) **N 100**

Suspension Bridges
Self-Excited Aeroelastic Instability of a Bridge Deck (76-WA/FE-25) (A) **F 136**

Suspension Systems
Development of a Simulation Methodology for Optimizing Locomotive Suspension Systems (77-RT-6) (A) **Ag 107**

Suspensions
Deposition of Suspensions in the Entrance of a Channel (76-WA/Flcs-13) (A) **Ap 102**

Suss, S. Stability of a Cluster of Flexible Cylinders in Bounded Axial Flow (77-APM-34) (A) **S 98**

Sustained Fast Valving
Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) (A) **Ja 109**

Suter, P. Interaction of the Rotor Blade Shock Waves in Supersonic Compressors With Upstream Stator Vanes (77-GT-93) (A) **Ag 104**

Suzuki, H. Analysis of Concrete Cylindrical Hulls Under Hydrostatic Pressure (77-PVP-42) (A) **D 104**

Suzuki, K. Design and Development of a High-Pressure Combustor for Aero-Gas-Turbines (77-GT-96) (A) **Ag 105**

Symmetric Flow
Numerical Study of Transient and Steady Induced Symmetric Flows in Rectangular Cavities (77-FE-17) (A) **O 110**

Synovial Joints
On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) (A) **F 139**

Synthesis Procedures
Synthesis of R-S-S-R Mechanism for Coordinating Input-Output Displacements for Finitely and Infinitesimally Separated Positions (76-WA/DE-5) (A) **Mr 104**

Synthesis Programs
LINCAGES: **L**inkages **IN**teractive **C**omputer **A**nalysis and **G**raphically **E**nhanced **S**ynthesis Package (77-DET-5) (A) **D 101**

Synthetic Fuels
Evaluation of the Practical Aspects of the Use of Coal Derived Synthetic Fuels (76-WA/APC-6) (A) **Ap 103**
Synthetic Fuels from Coal and Oil Shale (Technological and Economic Assessment) (76-Pet-22) (A) **Ja 101**

Synthetic Natural Gas
Synthetic Natural Gas (EN) **Ap 74**

Synthetic Weather Data
Solar Powered Absorption Cycle Simulation Using Real and Stochastic Weather Data (76-WA/Sol-6) (A) **F 131**

System Design
Building and Equipment Seismic Response for PWR Plants (76-WA/PVP-14) (A) **Mr 101**

System Safety
System Safety at Washington Conference (NR) **S 63**

System Simulation
Modeling Heat Exchangers as Part of a Large System Simulation (77-ENAs-9) (A) **O 108**

System In Total Enclosure
Packaging a Computer by Site—A New Efficient Approach (77-DE-19) (A) **S 90**

System Variables
Effect of System Variables on Departure from Nucleate Boiling in the Clinch River Breeder Reactor Plant Steam Generators (76-JPGC-NE-4) (A) **Ja 112**

Systemic Arterial Impedance
Estimation of Systemic Arterial Impedance in Man from Cardiac Catheterization Data (76-WA/Bio-6) (A) **Jl 102**

Systems Optimization
Solar Thermal Electric Power Systems: Manufacturing Cost Estimation and Systems Optimization (76-WA/HT-14) (A) **My 99**

Swank, L. R. Design Properties of Silicon Nitride for High Temperature Gas Turbine Application (77-GT-54) (A) **Ag 99**

Swanson, S. R. Experimental Measurements and System Implications of the Performance of Flat Plate Solar Collector Configurations (76-WA/Sol-14) (A) **Mr 102**; Forced Convective Heat Transfer in Porous Media with Small Biot Number (77-HT-96) (A) **N 105**

Swanson, W. M. Testing of Prosthetic Heart Valves (76-WA/Bio-3) (A) **Jl 101**

Swedish Students
Swedish Students Seek Summer Jobs in U.S./Canada (EN) **F 76**

Sweeney, W. E. Features of an Actual 2000-Sweeney, W. E. Ton-per-Day Oxygen Plant (76-WA/PID-2) (A) **Je 106**

Sweet, A.L. Vibratory Identification of Beam Boundary Conditions (76WA/Aut-1) (A) **My 92**

Sweet, H. C. A Closed Life-Support System for Space Colonies (77-ENAs-18) (A) **O 109**

Swenson, G. S. The Environmental Impact Statement Expectations and Results (77-RC-2) (A) **Ag 108**

Swept Blades
Investigations on Axial Flow Fan Impellers With Forward Blades (77-FE-1) (A) **S 99**

Swift, R. A. Improved 2¼ Cr-1 Mo Pressure Vessel Steel Through Electroslag Remelting (76-Pet-1) (A) **Ja 98**

Swim, W. G. A Survey of Fluid Mechanics Education of Mechanical Engineers (77-FE-11) (A) **S 100**

Swimming
Hand Fin for Swimming (BTR) **O 59**

Swing-Check Valves
A Method for Estimating Steam Hammer Effects on Swing-Check Valves During Closure (76-JPGC-Pwr-6) (A) **Ja 109**

Swirling Fluid Flow
Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) (A) **S 95**

Szabo, J. M. Drag on a Group of Cylinders (76-Pet-42) (A) **Ja 103**

Szego, J. Design Optimization of a Single Fluid, Solid Sensible Heat Storage Unit (76-WA/HT-64) (A) **Je 114**; Transient Behavior of a Solid Sensible Heat Thermal Storage Exchanger (77-HT-37) (A) **O 104**

Szenasi, F. R. Design Considerations for a Pneumatic Transport Vehicle (76-Pet-28) (A) **Ja 101**

T

Tabakoff, W. Computation of the Temperature Distribution in Cooled Radial Inflow Turbine Guide Vanes (77-GT-83) (A) **Ag 103**; Cooling Considerations for Design of a Radial Inflow Turbine (77-GT-82) (A) **Ag 103**

Taga, T. M. Heat Transfer Across Centrifugally Stabilized Liquid-Liquid Interfaces: Application to Extracorporeal Heat Exchanger Design (76-WA/Bio-9) (A) **Jl 102**

Tagged Carrier Molecules
Observation of Single Small Molecules (BTR) **Mr 58**

Tai, J. Aeroelastic Response of Square and H-Sections in Turbulent Flows (76-WA/FE-19) (A) **F 136**

Tainter-Gate System
Instability of Elastically Suspended Tainter-Gate System Caused by Surface Waves on the Reservoir of Dam (77-FE-25) (A) **O 110**

Takagi, K. The Automatic Welding System for Offshore Pipe Laying (76-Pet-32) (A) **Ja 102**

Takahashi, Y. Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite Time Settling Controlled/Observer (76-WA/Aut-8) (A) **My 93**

Takebe, F. K. An Application of TF25 Gas Turbine Engine to Hovercraft Operation in Japan (77-GT-90) (A) **Ag 104**

Takizawa, M. A Study of an Advanced Automotive Radial Turbine—A Design Procedure Considering Rotor Loss Distributions and Exit Flow Patterns (77-GT-6) (A) **Jl 92**

Talaat, M. E. A Pressurized Liquid Concept for Solar-Thermal Energy Storage for the 24-Hour Continuous Operation of an Energy Conversion System (76-WA/HT-38) (A) **Je 111**

Talbot, T. F. Design Engineering and the Law **O 44**

Talley, W. K. EPA Defended (C) **F 56**

Talukder, N. Fluid Dynamics of Multiple Noncritical Stenoses (76-WA/Bio-2) (A) **Jl 101**

Tamarin, C. S. *(recipient)* Charles T. Main Award **D CR-13**

Tblyn, R. T. Thermal Storage—It Saves and Saves and Saves (76-WA/HT-37) (A) **Je 111**

Tanaka, H. An Optimization Analysis of Machining Center (76-WA/Prod-34) (A) **Jl 100**; Torsional Flutter in Stalled Cascade (77-GT-72) (A) **Ag 101**

Taney, A. R. The Fading Line (C) **D 55**

Tang, S. Advanced Composites: Design Technology Transfer from Aerospace **Je 36**

Tape Recorders
Analysis of Torsional Vibration in a High Bandwidth Angular Position Servo (76-WA/Aut-9) (A) **My 93**

Tapper, D. N. Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) (A) **Ja 109**

Tapping Process
On the Mechanics of Tapping by Cutting (76-WA/Prod-25) (A) **Jl 99**

Tarr, J. A. Assessment of Public Policy for Coal Utilization in Pennsylvania Electric Utilities (76-WA/TS-5) (A) **My 88**

Task Force
Activities and Accomplishments of the Task Force on Design, Materials and Manufacturing Research (76-WA/RGPC-3) (A) **Jl 96**
Fundamental Research Needs: A Status Report of the Task Force on Fundamental Research (76-WA/RGPC-5) (A) **Jl 96**
Industry Task Force Aims to Bridge Gap Between Technology and Society (NR) **D 69**
Transportation Research Goals and Priorities for ASME: A Preliminary Report (76-WA/RGPC-4) (A) **Jl 96**

Taulbee, D. B. Air Mixing in a Model Lung Alveolus (77-Bio-4) (A) **S 98**

Taylor, D. L. Effects of Drawbar Properties on the Behavior of Articulated Vehicles (76-WA/Aut-10) (A) **My 93**

Taylor, I. The Most Persistent Pump-Application Problem for Petroleum and Power Engineers (77-Pet-5) (A) **N 109**

Taylor Instability
Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) (A) **Je 115**

Taylor, J. J. Effect of Nozzle Shape and Polymer Additives on Water Jet Appearance (77-FE-16) (A) **S 101**

Tax Reform
The New Tax Law—How it Affects You (PS) **Mr 81**

Technic
Toward the Understanding of Technology in Society—Part 1: The Basic Pattern **Mr 41**

Technical Communication
Designing Technical Reports: Writing for Audiences in Organizations (CB) **F 144**

Technical Literature
Journals in Translation (CB) **F 144**
Technical Personnel Resources
Energy-Related Opportunities (NR) O 74
Technical Products
Classifying New Products and Services (TL) **Mr 106**
Technological Conflicts
Assessing Technological Conflicts **My 73**
Technological Innovations
Importing Technology into Africa: Foreign Investment and the Supply of Technological Innovations (CB) **Ap 107**
Technological Standardization
Training for Technological Standardization in Geographically Dispersed Organizational Environment (76-Pet-9) (A) **Ja 99**
Technology
Advanced Technology for Large Thick-Wall High-Pressure Vessels **My 40**
Appropriate Technologies in Civil Engineering Works in Developing Countries: An Exploratory Appraisal of the State of the Art (CB) **My 104**
Beyond Galaxies (C) **S 45**
"No" to Alternative Technologies (ES) **Mr 23**
A Technological Optimist (Ed) **Jl 17**
Technology and Human Values: Collision and Solution (CB) **N 112**
Toward the Understanding of Technology in Society—Part 3: The Sources of Basic Needs—Can We Fulfill Them? **My 32**
Technology Assessment
The Office of Technology Assessment: An Overview (76-WA/TS-10) (A) **My 90**
Technology Evolution
The Medieval Machine—The Industrial Revolution of the Middle Ages (CB) **My 103**
Technology Issues
The Tale of Carter and the Engineer (WW) **Ja 78**
Technology & Society
Agriculture, Food Production, and Technological Change: A Dynamic System Approach (76-WA/TS-3) (A) **My 88**
Appropiate Technology: An Approach to Satisfying the Technical Needs of Developing Countries (76-WA/Ts-12) (A) **My 89**
Appropiate Technology for Developing Countries (76-WA/TS-11) (A) **My 89**
An Assessment of Methodologies for Estimating National Energy Efficiency (76-WA/TS-4) (A) **My 88**
Assessment of Public Policy for Coal Utilization in Pennsylvania Electric Utilities (76-WA/TS-5) (A) **My 88**
Chlorofluorocarbons and the New York State Legislature (76-WA/TS-13) (A) **My 90**
Development and Technology Transfer (76-WA/TS-15) (A) **My 90**
Education for Appropriate Scale Technology (76-WA/TS-8) (A) **My 89**
Engineering Ethics—A New Imperative in Engineering Education (76-WA/TS-16) (A) **My 90**
Engineering Ethics and the Public Interest: A Historical View (76-WA/TS-9) (A) **My 89**
How Technology Works in Our Society (76-WA/Mgt-2) (A) **Je 104**
The Impact of Technology: Reaching Both Young and Old **O 94**
Industry Task Force Aims to Bridge Gap Between Technology and Society (NR) **D 69**
Legislative Insight Into "The Metric Conversion Act" (76-WA/TS-14) (A) **My 90**
The Office of Technology Assessment: An Overview (76-WA/TS-10) (A) **My 90**
A Preliminary Assessment of Solar Energy Technology (76-WA/TS-1) (A) **My 88**
Public Policy Issues and the Application of Computer Technology (76-WA/TS-7) (A) **My 88**
The Shaping of American Engineers' Consciousness of Women's Issues (76-WA/TS-6) (A) **My 88**
Systems Framework for Materials Policy (76-WA/-TS-2) (A) **My 88**
Toward the Understanding of Technology in Society: Part 2—Diverging Paths—Technology and Values **Ap 32**
Technology Transfer
Advanced Composites: Design Technology Transfer for Aerospace **Je 36**
Development and Technology Transfer (76-WA/TS-15) (A) **My 90**
Effective Technology Transfer-From Laboratory to Production Line (77-DE-11) (A) **S 89**
Federal Laboratory Technology Transfer—Fact or Fiction? (76-WA/Aero-3) (A) **My 95**
Federal Technology Transfer to Local Government—The Impossible Isn't (76-WA/Aero-4) (A) **My 96**
Pilot Project in Technology Transfer to a Developing Nation (76-WA/Aero-6) (A) **My 96**
A Prime Example of Federal Technology Transfer in the Area of Law Enforcement (76-WA/Aero-5) (A) **My 96**
Small is Beautiful-Technology as if People Mattered (76-WA/Aero-1) (A) **My 95**
Some Commercial Innovations from Technology Transfers of Federal Research and Development (76-WA/Aero-2) (A) **My 95**
Technology Transfer for Developing Nations (NR) **Ja 72**
Technology Transfer "Paramount Problem" (IF) **Je 64**
Teers, M. L. An Articulated Multiline Production Riser for Deepwater Application (76-Pet-44) (A) **Ja 103**; Design, Fabrication, and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) (A) **Ja 103**
Tees
Experimental Stress Analysis for Four 24-in. ANSI Standard B 16.9 Tees (77-PVP-4) (A) **N 106**
Teixeira, D. P. Evaluation of a Premixed Prevaporized Gas Turbine Combustor for No. 2 Distillate (77-GT-69) (A) **Ag 101**
Telecommunication Dictionary
Elsevier's Telecommunication Dictionary (CB) **Ja 115**
Telecommunications
Assessing Telecommunications (NB) **S 65**
Telecommunications Applications
Micro "Brain" with Macro Capability (BTR) **Je 56**
Telecommunications Services
Lightwave Communications for Chicago (BTR) **Ap 56**
Telemetry Studies
Telemetry Studies Improve Timing Chain Design (BTR) **Mr 60**
Television
Optical Waveguides for TV (IF) **F 68**
Temperature Dependence
Convection in Porous Medium Heated from Below: The Effect of Temperature Dependent Viscosity and Thermal Expansion Coefficient (77-HT-56) (A) **O 105**
Temperature Dependent Generation
A Perturbation Approach to Heat Conduction with Temperature Dependent Generation and Thermal Conductivity (77-HT-28) (A) **O 103**
Temperature Distributions
Computation of the Temperature Distribution in Cooled Radial Inflow Turbine Guide Vanes (77-GT-83) (A) **Ag 103**
Flow and Heat Transfer in Convectively Cooled Underground Electric Cable Systems: Temperature Distributions and Heat Transfer Correlations (76-WA/HT-42) (A) **Je 112**
The Temperature Distribution Along an Absorbing-Emitting Fluid Layer Flowing over an Opaque Substrate (76-WA/Sol-5) (A) **F 131**
Well-Hole Temperature Distribution in the Presence of Aquifers (76-Pet-59) (A) **Ja 105**
Temperature Fields
A Three-Dimensional Numerical Model for Closed Basins (76-WA/HT-21) (A) **My 100**
Temperature Measurements
Design and Manufacturing of a Gas Turbine Rotor for Temperature and Vibration Measurements (77-GT-54) (A) **Ag 99**
Fluidic Thermistors of Fluidic Temperature Sensing With Capillaries (76-WA/TM-1) (A) **Je 104**
Fundamentals of Temperature, Pressure and Flow Measurements (CB) **S 104**
Optical Temperature Measurements in Porous Media (77-HT-89) (A) **N 104**
Prediction of Instantaneous Temperature Using Spectroscopic Method (76-WA/TM-3) (A) **Je 104**
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) (A) **Je 104**
Vapor Deposited Transducers for Designing Against High Cycle Fatigue (77-DE-33) (A) **S 91**
Temperature Profiles
Velocity and Temperature Profiles in Near-Critical Nitrogen Flowing Past a Horizontal Flat Plate (77-HT-7) (A) **O 101**
Temperature Sensors
Fluidic Thermistors of Fluidic Temperature Sensing With Capillaries (76-WA/TM-1) (A) **Je 104**
Tennessee Valley Authority
Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) (A) **Ja 109**
Tensile Strength
Recently Developed Low Carbon Equivalent Heavy Steel Plate with 80 kg/mm² Grade High Tensile Strength (76-Pet-61) (A) **Ja 105**
Tepper, E. H. Development of a Lightweight Long-Life Heat Exchanger (77-ENAs-29) (A) **N 97**
Terbot, J. W. The Economics and Requirements of the Helium Refrigerator System for Superconducting Power Transmission Application (76-WA/PID-3) (A) **Je 106**
Termuehlen, H. Design and Operating Criteria of Fossil-Fueled Power Plants in Europe (76-JPGC-Pwr-14) (A) **Ja 110**; Fossil-Fueled Power Plant Design European Style **D 41**
Tesar, D. The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) (A) **Ap 99**
Test Loops
Effective Boiler Feed Control for Test Loops (76-WA/NE-15) (A) **Ap 94**
Testa, F. J. Solution Bounds for Transient Vibration Problems (76-WA/APM-27) (A) **Jl 104**
Tester, J. W. *(author)* Geothermal Energy as a Source of Electric Power: Thermodynamic and Economic Design Criteria (CB) **Ap 108**
Testing Tools
Status of Drill Stem Testing Tools for Offshore Applications (76-Pet-72) (A) **Ja 106**
Tetlow, J. H. Deterministic and Random Wave Forces on Gravity Type Offshore Platforms (76-WA/FE-24) (A) **F 136**
Textile Engineering
South Carolina Hosts Textile Conference, preview **Jl 86**
Textile Finishing Process
New Textile Process (EN) **Ag 70**
Textile Research
Energy-Efficient Textile Processes (ES) **D 19**
Textile Spinning Noise
Economic Impact of a 90-dBA Noise Standard on Textile Spinning Operations (77-RC-15) (A) **Ag 108**
Thangam Babu, P. V. Solution Bounds for Transient Vibration Problems (76-WA/APM-27) (A) **Jl 104**
Thayer, W. J. Dynamic Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) (A) **F 143**
The, J. H. L. High-Speed Films of the Incipient Cutting Process in Machining at Conventional Speeds (76-WA/Prod-26) (A) **Jl 99**
Theiss, E. S. Right on Target (C) **D 54**
Theocaris, P. S. Experimental Solution of Flexed Plates by the Method of Caustics (77-APM-12) (A) **S 95**
Theodore, L. *(author)* Industrial Air Pollution Control Equipment for Particulates (CB) **Ag 113**
Therapeutics
The Therapeutic Effects of Postburn Cooling (77-HT-27) (A) **O 103**
Thermal Analysis
Thermal Analysis Techniques for Regenerative Heat Exchanger Simulation (76-WA/HT-7) (A) **My 98**
Thermal Analysis Programs
Solving Thermal Problems—It's Not Just Hot Air (NR) **O 78**
Thermal Behavior
The Simulation of Thermal Behavior of Permafrost Soil (76-WA/HT-57) (A) **Je 113**
Thermal Conductivity
On the Effect of the Circuit Boards' Thermal Conductivity in the Thermal Performance of a Circuit Package Employing a Dip Device (76-WA/HT-39) (A) **Je 111**
A Perturbation Approach to Heat Conduction with Temperature Dependent Generation and Thermal Conductivity (77-HT-28) (A) **O 103**
Thermal Control
Fluid Loop Systems for Use in Spacecraft Thermal Control (77-ENAs-13) (A) **O 109**
Thermal Control Design and Performance of Air Force Satellite STP P72-1 (77-ENAs-41) (A) **N 99**
Thermal Electric Power Systems
Solar Thermal Electric Power Systems: Manufacturing Cost Estimation and Systems Optimization (76-WA/HT-14) (A) **My 99**
Thermal Energy Storage
Solar Heating Thermal Storage Feasibility (76-WA/HT-36) (A) **My 101**
A Study of the Economic Feasibility of a Thermal Energy

Storage System for Solar Heating Applications Using a PCM (76-WA/HT-63) (A) **Je 114**

Thermal Entrance Regions
Thermal Entrance Region Heat Transfer in Plane Couette Flow of a Non-Newtonian Fluid (76-WA/HT-41) (A) **Je 111**

Thermal Expansion
Convection in Porous Medium Heated from Below: The Effect of Temperature Dependent Viscosity and Thermal Expansion Coefficient (77-HT-56) (A) **O 106**

Thermal Fields
Effects of Wall Electrical Conductance and Induced Magnetic Field on MHD Channel Heat Transfer with Developing Thermal and Velocity Fields (77-HT-63) (A) **O 107**

Thermal Hydraulic Analysis
Thermal-Hydraulic Analysis of Low-Activity Fusion Blanket Designs (77-HT-85) (A) **N 104**
Thermal Hydraulic and Power Cycle Analysis of Liquid Lithium Blanket Designs (77-HT-84) (A) **N 104**

Thermal-Hydraulic Computer Programs
Comparisons of RELAP4 Predictions with Steady-State Two-Phase Critical Flow Data (76-WA/HT-51) (A) **Je 112**

Thermal-Hydraulic Design
Structural and Thermal-Hydraulic Design of a Sodium Heated Duplex Bayonet Tube Steam Generator (76-WA/HT-74) (A) **Je 116**
Thermal-Hydraulic Design of a Supercritical, Once-Through Steam Generator for the Molten-Salt Breeder Reactor Plant (76-JPGC-NE-9) (A) **Ja 113**

Thermal Performance Analysis
Optical and Thermal Performance Analysis of Three Line Focus Collectors (76-WA/HT-15) (A) **My 100**

Thermal Performance Deterioration
Thermal Performance Deterioration in Crossflow Heat Exchanger Due to Longitudinal Heat Conduction in the Wall (76-WA/HT-8) (A) **My 98**

Thermal Power
Characteristics of Rheinisch Brown Coals with Respect to Their Combustion and Fouling Behavior in Thermal Power Stations (76-WA/CD-3) (A) **My 91**

Thermal Properties
Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique (76-WA/Bio-5) (A) **JI 101**

Thermal Shock
Surface Cracks in Cylinders During Thermal Shock (77-PVP-5) (A) **N 106**

Thermal Simulation
Thermal Simulation of a Building with Solar Assisted Closed Liquid Loop Unitary Heat Pumps (76-WA/Sol-23) (A) **Mr 103**

Thermal Storage
The Proper Use of Thermal Storages for a Solar Assisted Heat Pump Heating System (76-WA/HT-76) (A) **Je 116**
Thermal Storage—It Saves and Saves and Saves (76-WA/HT-37) (A) **Je 111**

Thermal Storage Devices
Design and Costs of High Temperature Thermal Storage Devices Using Salts or Alloys (76-WA/HT-34) (A) **Je 111**

Thermal Storage Ponds
Evaluation of Combined Thermal Storage Pond/Dry Cooling Tower Waste Heat Disposal System (77-HT-57) (A) **O 106**

Thermal Storage Problems
Heat Exchanger and Thermal Storage Problems in Power Stations Serving District Heating Networks (77-HT-36) (A) **O 104**

Thermal Storage Subsystems
Description of Thermal Storage Sub-System Designs for ERDA's 10 MW(e) Solar Central Receiver Pilot Plant (76-WA/HT-68) (A) **Je 115**

Thermal Stress Analysis
Mechanical and Thermal Stress Analysis at Internal Attachment Welds in Clad Heavy Wall Reactors (76-WA/PVP-15) (A) **Mr 101**

Thermal Stresses
Oscillatory Dryout Related Thermal Stresses in Clean Steam Generator Tubes (76-JPGC-NE-2) (A) **Ja 112**
Thermal Stresses in Heat-Treated Fibrous Composites (76-WA/APM-13) (A) **JI 103**

Thermal Testing
Thermal Testing of High Performance Cryogenic Envelope for Superconducting Power Cable (76-WA/PID-10) (A) **Je 107**

Thermal Waves
Propagation of Thermal Waves in Supercritical Helium (77-HT-76) (A) **N 103**

Thermic Diode Solar Panels
An Economic Analysis of Thermic Diode Solar Panels (76-WA/Sol-7) (A) **F 130**

Thermodynamic Availability
A Second-Law Analysis of the Air-Storage Gas Turbine System (76-JPGC-GT-2) (A) **Ja 111**

Thermodynamic Performance
The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors (76-WA/PID-15) (A) **Je 107**

Thermodynamics
The Effect of Fin Geometry and Manufacturing Process on Ceramic Regenerator Thermodynamic Performance (77-GT-61) (A) **Ag 100**

Thermoelastic Contact Instabilities
A Theoretical Study of the Effects of Cooling on Thermoelastic Contact Instabilities (76-Lub-14) (A) **F 141**

Thermoelastic Instabilities
Experimental Verification of Thermoelastic Instabilities in Sliding Contact (76-Lub-21) (A) **F 143**

Thermography
Applications of Thermography (BTR) **Mr 61**

Thermonuclear Reactors
An Approach for Determining the Impact of Peak Coolant Temperature on Fusion Reactor Size and Electricity Costs (77-HT-73) (A) **N 103**

Thermophysical Properties
Superheated Liquids: Thermophysical Properties, Homogeneous Nucleation and Explosive Boiling-Up (77-HT-87) (A) **N 105**
Symposium Spurs Heated Discussions on Thermophysical Properties (NR) **S 61**
Symposium on Thermophysical Properties (NR) **Ap 68**

Thick-Walled Tubes
The Compression of Thick-Walled Tubes by External Pressure (77-PVP-2) (A) **N 106**
Stress Relaxation of a Thick-Walled Tube Shrunk Inside a Rigid Sheet (77-DE-42) (A) **S 93**

Thiele, R. J. Space Construction Base Support Requirements for Environmental Control and Life Support Systems (77-ENAs-44) (A) **N 99**

Thielsch, H. Elections to Fellow Grade **Je 101**

Thin Blades
Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) (A) **S 99**

Thin Channels
Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) (A) **F 139**

Thin-Film Evaporators
Thin-Film Evaporators for Processing BWR Liquid Radwaste (76-WA/NE-4) (A) **Ap 92**

Thin Film Technology
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) (A) **Je 104**

Thin Films
Right in the Thin of It (BTR) **Ja 65**

Tholen, P. Investigations on Highly Turbocharged Air-Cooled Diesel Engines (77-DGP-11) (A) **D 99**

Thoman, D. C. Fluidic Compressor Bleed Valve Control for Small Gas Turbine Engines (76-WA/Fics-7) (A) **Ap 101**

Thomas, C. J. External Convection Heat Transfer Coefficients on a Building Model (76-WA/FE-30) (A) **F 137**

Thomas, D. B. *(author)* Importing Technology into Africa: Foreign Investment and the Supply of Technological Innovations (CB) **Ap 107**

Thomas, P. J. Optical Temperature Measurements in Porous Media (77-HT-89) (A) **N 104**

Thomas, T. R. Stiffness of Machine Tool Joints: A Random-Process Approach (76-WA/Prod-23) (A) **JI 99**

Thomet, M. A. Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) (A) **Ag 106**

Thompson, C. D. Regenerative Life Support Evaluation (77-ENAs-35) (A) **N 98**

Thompson, C. J. Alternative Liquid Fuels and the ERDA Program (76-Pet-15) (A) **Ja 100**

Thompson, D. W. Aeroelastic Response of Square and H-Sections in Turbulent Flows (76-WA/FE-19) (A) **F 136**

Thompson, P. J. *(recipient)* Marjorie Roy Rothermal Memorial Scholarship **N 90**

Thompson, R. A. On the Doubly Regenerative Stability of a Grinder: the Combined Effect of Wheel and Workpiece Speed (76-WA/Prod-19) (A) **JI 98**

Thompson, T. L. Slurry Pipeline Design and Operation Pitfalls to Avoid (76-Pet-12) (A) **Ja 99**

Thompson, W. E. Fluid Dynamic Excitation of Centrifugal Compressor Rotor Vibrations (77-FE-22) (A) **O 110**

Thomson, W. T. Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) (A) **S 96**

Thorpe, J. F. Design Engineering and the Law **O 44**

Three-Dimensional Loading
Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) (A) **S 96**

Three-Dimensional Systems
Detailing a New Diesel Engine Design Using a Three-Dimensional Interactive Graphic System (76-WA/DGP-2) (A) **Ap 100**

Three-Layered Rings
Transient Response of Three-Layered Rings (77-APM-21) (A) **S 96**

Through-Flow Calculations
Experimental Study of the Flow Field Within a Transonic Axial Compressor Rotor by Laser Velocimetry and Comparison With Through-Flow Calculations (77-GT-28) (A) **JI 95**

Thrust Bearings
An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (76-Lub-9) (A) **F 140**
A Class of Maximum Load Capacity Sector Thrust Bearings (76-Lub-6) (A) **F 140**
Design of Efficient Turbulent Thrust Bearings (76-Lub-29) (A) **F 143**

Thyristor Locomative
Progress in Rail Transportation **My 44**

Tibial Track Loosening
Mechanical Analysis of Polycentric Tibial Track Loosening (77-Bio-7) (A) **S 99**

Tichenor, D. R. Dynamics of a Partially Full Cylinder Containing a Magnetic Liquid in a Magnetic Field (76-WA/APM-4) (A) **Je 109**

Tielemans, L. P. M. Conditions of Leakage-Free Operation of Herringbone Grooved Journal Bearings (76-Lub-27) (A) **F 142**

Tien, C. L. Transient Behavior of Normal Zones in One-Dimensional Composite Superconductors (77-HT-74) (A) **N 103**

Tierney, P. Parametric Design of a Rotary-Combustion Test Engine (76-WA/DE-25) (A) **Ap 96**

Tietenberg, T. H. *(author)* Energy Planning and Policy: The Political Economy of Project Independence (CB) **Ap 106**

Tilliette, Z. P. Description, Output and Development Prospects of a 750°C Helium Direct Cycle Nuclear Power Plant with a Single Turbomachine and Intermediate Cooling (77-GT-2) (A) **JI 92**

Time-Varying Transverse Loads
Short Time Dynamic Elastic-Plastic Response of a Beam Due to a Time Varying Transverse Load with Application to Pipe Whip (77-PVP-56) (A) **D 105**

Timing Belts
New Timing Belt (IF) **My 60**

Timing Chain Design
Telemetry Studies Improve Timing Chain Design (BTR) **Mr 60**

Timoshenko Beam
Transverse Vibration of a Uniform, Simply Supported Timoshenko Beam Without Transverse Deflection (76-WA/APM-20) (A) **JI 103**

Ting, T. C. T. Plastic Wave Speeds in Isotropically Work-Hardening Materials (77-APM-13) (A) **S 96**

Tirosh, J. Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) (A) **JI 98**

Titanium
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) (A) **Je 104**

Tiwari, S. N. Accurate Spectral Modeling for Infrared Radiation (77-HT-69) (A) **N 102**

Tlusty, J. Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) (A) **JI 100**. Tool Wear in the Peripheral Milling of a Low Carbon Steel (76-WA/Prod-35) (A) **JI 100**

Todtenkopf, N. F. Air Entrainment into Water Sprays and Spray Curtains (76-WA/FE-40) (A) **F 138**

Token, K. H. A New Avionics Thermal Control Concept

(77-ENAs-14) (A) **N 96**

Tolf, R. W. *(author)* The Russian Rockefellers: The Saga of the Nobel Family and the Russian Oil Industry (CB) **N 112**

Tomabechi, M. Experimental Stress Analysis of 24-in. x 12-in. Welding Tee and Comparison with Finite Element Methods (77-PVP-51) (A) **D 105**

Tomizuka, M. Process Control Experience an ' a Self-Tuning Method for a Discrete-Time, Finite Time Settling Controlled/Observer (76-WA/Aut-8) (A) **My 93**

Tonder, K. Lubrication of Surfaces Having Area-Distributed Isotropic Roughness (76-Lub-7) (A) **F 140**

Tool Joints
Wear Protection for Casing and Tool Joints (76-Pet-88) (A) **Ja 108**

Tool Life
Tool Life Variation and its Influence on the Development of Tool Life Models (76-WA/Prod-1) (A) **Jl 96**

Tool-Life Distributions
Tool-Life Distributions—Part 1: Single-Injury Tool-Life Model (76-WA/Prod-36) (A) **Jl 100**; Part 2: Multiple-Injury Tool-Life Model (76-WA/Prod-37) (A) **Jl 100**

Tool Profiles
Metal Forming: Tool Profiles and Flow (CB) **Jl 107**

Tool Wear
Tool Wear in the Peripheral Milling of a Low Carbon Steel (76-WA/Prod-35) (A) **Jl 100**

Tools
New Career Paths in Engineering: What Is Biomedical Engineering? **Je 46**

Tooth Decay
Laser Heat Lights Tooth Decay (BTR) **Je 59**

Tooth Indentation
Deviation Forces Arising from Single Bit Tooth Indentation of Anisotropic Porous Media (76-Pet-52) (A) **Ja 104**

Top Management
Top Management: What Does It Take to Get There? (NB) **D 73**

Topping-Steam Bottoming
Specifcs of Heat Exchanger Design for a 2000-MWt Dual Cycle, MHD Topping-Steam Bottoming Power Plant (77-HT-61) (A) **O 107**

Torda, T. P. Education for Appropriate Scale — Technology (76-WA/TS-8) (A) **My 89**

Torisaki, T. Design and Development of a High-Pressure Combustor for Aero-Gas-Turbines (77-GT-96) (A) **Ag 105**; Status Report of the Turbofan Engine Development Program in Japan (77-GT-102) (A) **Ag 105**

Tornado-Type Wind Energy
Tornado-Type Wind Energy System: Basic Consideration (76-WA/Ener-2) (A) **Ap 104**

Tornadoes
Tornado Funnel Formation (BTR) **My 57**

Torpey, P. J. A Professional Society's Contribution to National Research Goals and Priorities Planning (76-WA/RGPC-1) (A) **Jl 95**; Why Analyze R & D Needs? **D 22**; Analyze Research & Development Needs? **N 24**

Torque Converters
Torque Converter Spherical Wheel (76-WA/DE-8) (A) **Ap 96**

Torque Investigations
Short-Time Torque Investigations on DMA-Bearings (76-Lub-20) (A) **F 142**

Torsion
Rigidity Analysis and Optimization of Warren Beams in Torsion (76-WA/Prod-32) (A) **Jl 100**
Saint-Venant's Principle and the Torsion of Thin Shells of Revolution (76-WA/APM-15) (A) **Jl 103**

Torsional Amplitude Growth
Torsional Amplitude Growth With Resonant Forcing (76-WA/DE-20) (A) **Ap 99**

Torsional Dynamic Characteristics
Measurements of Torsional Dynamic Characteristics of The San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) (A) **Ja 109**

Torsional Elastic Seals
A New Torsional Elastic Seal for Oscillatory Motion (76-Pet-64) (A) **Ja 105**

Torsional Flutter
Torsional Flutter in Stalled Cascade (77-GT-72) (A) **Ag 101**

Torsional Natural Frequencies
Sensitivity of Torsional Natural Frequencies (76-WA/DE-18) (A) **Ap 99**

Torsional Vibration
Analysis of Torsional Vibration in a High Bandwidth Angular Position Servo (76-WA/Aut-9) (A) **My 93**

Toscano, W. M. The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors (76-WA/PID-15) (A) **Je 107**

Total Energy Systems
Gas-Turbine Total Energy System for a Cement Plant (77-GT-22) (A) **Jl 94**

Touching Spheres
Low Knudsen Number Creeping Motion of Two Touching Spheres (76-WA/APM-28) (A) **Jl 104**

Toureille, P. *(author)* Energy Planning and Policy: The Political Economy of Project Independence (CB) **Ap 106**

Townes, H. W. An Economic Evaluation of Small-Scale Wind Powered Electric Generation Systems (76-WA/Ener-1) (A) **Ap 104**; Particulate Deposition in Direct-Fired MHD Air Preheaters (77-HT-65) (A) **O 107**; Thermal Analysis Techniques for Regenerative Heat Exchanger Simulation (76-WA/HT-7) (A) **My 98**

Townshend, A. R. "CABOS"—Shipboard Sewage Treatment System (77-ENAs-46) (A) **N 100**

Toxic Substances
Legacy of a Poisonous Ocean (BTR) **Jl 53**

Trace Contaminants
CO_2 and Humidity Removal System for Extended Shuttle Missions: CO_2, H_2O, and Trace Contmainant Equilibrium Testing (77-ENAs-4) (A) **O 108**

Tracer Sampling
Two-Phase Slip Flow Quality Determination by Non-Isokinetic Tracer Sampling (76-WA/HT-72) (A) **Je 115**

Track Buckling
Finite Element Track Buckling Model (77-RT-5) (A) **Ag 107**

Track Gauge
Influence of Axle Load, Track Gauge, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) (A) **Mr 94**

Track Geometry
Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) (A) **Ag 106**

Traffic Fatalities
A Three-Dimensional Mathematical Simulation of Pedestrian-Vehicle Impact with Experimental Verification (76-WA/Bio-1) (A) **Jl 101**

Traffic Safety
Making Driving Safer (BTR) **Je 57**

Traffic Tests
Arctic Transportation: Operational and Environmental Evaluation of an Air Cushion Vehicle in Northern Alaska (76-Pet-41) (A) **Ja 102**

Trailer-on-Flatcar Configuration
Laboratory Techniques for Quantifying the Performance of Rail Vehicles Utilizing Servo-Controlled Hydraulic Vertical Actuators (76-WA/RT-5) (A) **Mr 94**

Train Sets
Progress in Railway Mechanical Engineering 1975–1976 Report of Survey Committee Locomotives (76-WA/RT-6) (A) **Mr 94**

Training & Development Handbook
Training and Development Handbook: A Guide to Human Resource Development (CB) **N 112**

Training Requirements
Training Requirements to Accompany Advancement and Technology—A Manufacturer's and Supplier's Viewpoint (76-Pet-7) (A) **Ja 99**

Trans-Alaska Pipeline
Stringent Rules for Alaska Pipe (BTR) **F 62**

Transformers
Transformer Hot-Spot Detector (BTR) **Ag 47**

Transient Analysis
Primer on Transient Analysis of Complex Structures at Resonance (76-WA/DE-10) (A) **Mr 104**
Transient Analysis of a Permeable Thermal Barier System (77-DE-24) (A) **S 91**

Transient Behavior
Transient Behavior of a Solid Sensible Heat Thermal Storage Exchanger (77-HT-37) (A) **O 104**

Transient Boundary Layers
Transient Boundary Layers Between Porous Plates (76-WA/APM-32) (A) **Jl 105**

Transient Conditions
CRBRP Outlet Plenum Behavior During Steady-State and Transient Conditions (77-HT-32) (A) **O 103**

Transient Dynamic Response
Mechanical Design Optimization for Transient Dynamic Response (76-WA/DE-27) (A) **Mr 105**

Transient Filtration
Transient Filtration in a Porous Elastic Cylinder (76-WA/APM-16) (A) **Jl 103**

Transient Forced Convection
Approximate Solution to a Class of Transient Forced Convection Problems (77-GT-58) (A) **Ag 99**

Transient Heat Conduction
Shape-Factor Correlations for Transient Heat Conduction from Irregular-Shaped Rock Fragments to Surrounding Fluid (77-HT-54) (A) **O 106**
Transient Heat Conduction in a Finite Medium with Phase Change (76-WA/HT-3) (A) **My 97**

Transient Heat Transfer
Transient Heat and Mass Transfer to a Drop in an Electric Field (76-WA/HT-43) (A) **Je 111**

Transient Motion
The Transient Motion of a Cylindrical Shell of Arbitrary Cross Section in an Acoustic Medium (77-APM-33) (A) **S 98**

Transient Natural Convection
Constant Heating Transient Natural Convection in Partially Insulated Vertical Enclosures (77-HT-35) (A) **O 103**

Transient Propellant Combustion
Numerical Solution of Solid Propellant Transient Combustion (77-HT-17) (A) **O 102**

Transient Reactor Test Facility
Pinhole Photo of Nuclear Core (BTR) **F 59**

Transient Response
Transient Response of Three-Layered Rings (77-APM-21) (A) **S 96**

Transient Thermal Analysis
Transient Thermal Analysis of Epoxy-Impregnated Superconducting Windings in Linearly Ramped Fields (77-HT-77) (A) **N 103**

Transient Vibration
Solution Bounds for Transient Vibration Problems (76-WA/APM-27) (A) **Jl 104**

Transients
Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) (A) **Jl 100**

Transistors
New Breakthrough in Data Processing (NR) **Ag 65**

Transit Systems
Transit System Safety (IF) **Jl 62**

Transitions
Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) (A) **Ag 106**
An Experimental Investigation of Incompressible Channel Flow Near Transition (77-FE-19) (A) **O 110**

Transmissibility
Transmissibility Study of a Flexibly Mounted Rolling Element Bearing in a Porous Bearing Squeeze-Film Damper (76-Lub-4) (A) **F 139**

Transmission Electron Microscopy
Analysis of Fatigue Fracture of Ball Joint Sockets by Indentation Hardness and Transmission Electron Microscopy (76-WA/Mat-3) (A) **Mr 99**

Transmission Systems
Fossil-Fueled Power Plant Design European Style **D 41**
Propulsion Gearing Transmission Systems for Guided Missile and Standard Frigates of the Royal Netherlands Navy (77-GT-67) (A) **Ag 101**
Three-Shaft Automotive Turbine-Transmission Systems of the KTT Type-Performance and Features (77-GT-94) (A) **Ag 104**

Transonic Axial Compressors
Experimental Study of the Flow Field Within a Transonic Axial Compressor Rotor by Laser Velocimetry and Comparison With Through-Flow Calculations (77-GT-28) (A) **Jl 95**

Transonic Flow
Inverse Computation of Profile Shapes for Given Transonic Flow-Configuration With and Without Detached Bow-Shocks in Two-Dimensional Turbomachinery Cascades (77-GT-33) (A) **Ag 97**

Transonic Normal Shock Waves
Transonic Normal Shock-Turbulent Boundary Layer Interaction In Pressure Gradient Flows (77-GT-34) (A) **Jl 95**

Transonic Turbine Cascades
Unsteady Aerodynamic Forces on Vibrating Transonic Turbine Cascades (76-WA/GT-8) (A) **Mr 97**

Transparent Sheets
Radiant Transmittance of V-Corrugated Transparent Sheets with Application to Solar Collectors (76-WA/Sol-1) (A) **F 130**

Transport Aircraft
An Automated Procedure for Preliminary Design of Primary

Structure for Transport Aircraft (76-WA/Aero-9) (A) **My 96**

Transportation Research
Transportation Research Goals and Priorities for ASME: A Preliminary Report.(76-WA/RGPC-4) (A) **Jl 96**

Transverse Flow
The Effect of a Transversely Injected Stream on the Flow Through Turbine Cascades: Part 1—Flow Effects (77-GT-87) (A) **Ag 103**; Part 2—Performance Changes (77-GT-88) (A) **Ag 103**

Transverse Load System
The Stability of a Spinning Elastic Disk With a Transverse Load System (76-WA/APM-1) (A) **Je 109**

Transverse Loads
Short Time Dynamic Elastic-Plastic Response of a Beam Due to a Time Varying Transverse Load with Application to Pipe Whip (77-PVP-56) (A) **D 105**

Transverse Vibration
Transverse Vibration of a Uniform, Simply Supported Timoshenko Beam Without Transverse Deflection (76-WA/APM-20) (A) **Jl 103**

Trantina, G. G. Design Methodology for Ceramic Structures (77-GT-40) (A) **Ag 97**

Trash Collection
Evaluation of the Performance for a Pneumatic Trash Collection System (77-RC-1) (A) **Ag 108**

Traveling Cranes
Optimum Design of Bridge Girders of Electric Overhead Travelling Cranes (76-WA/DE-28) (A) **Ap 100**

Treadwell, J. N., Tr Computer Support for Job-Shop Work Control (76-WA/Mgt-7) (A) **Je 105**

Trentacosta Study of Off Gas Release Through a Natural Draft Cooling Tower (76-WA/NE-8) (A) **Ap 92**

Triassic Sandstones
Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) (A) **Ja 102**

Tribollet, B. Use of Electrochemical Methods for the Study of Mass Transfer and Drag Reduction in Polymer Solutions Close to a Wall (77-FE-32) (A) **O 111**

Tribology
New Tribology R & D Plan Underway **My 79**

Triplex Pumps
Mathematical Model of a Triplex Pump (76-Pet-95) (A) **F 138**

Trippett, R. J. A High-Speed Rolling-Element Bearing Loss Investigation (77-GT-86) (A) **Ag 103**

Trolley, G. S. *(author)* Electric Energy Availability and Regional Growth (CB) **Je 119**

Troubleshooting
Digital Experimental Techniques for Troubleshooting Vibration Problems in Rotating Equipment (77-PVP-49) (A) **D 105**

Truck Design
Effects of Truck Design on Hunting Stability of Railway Vehicles (76-WA/RT-1) (A) **Mr 94**

Truck Performance
Computational Methods for the Prediction of Truck Performance in Curves (76-WA/RT-15) (A) **Mr 96**

True, H. C. Noise Reduction Potential for the Existing Business Jet Fleet (77-GT-76) (A) **Ag 102**

Truman, C. R. Laminar Throughflow of a Fluid Containing Particles Between Corotating Disks (76-WA/FE-38) (A) **F 138**; Laminar Throughflow of Quality Steam Between Corotating Disks (76-WA/FE-41) (A) **F 138**

Trzeciak, J., M. Maximization of Signomials or Posynominals (77-DET-4) (A) **D 101**

Tsai, H. C. POP-FSH—A Postprocessor for ASME Code Case 1592 Limits (76-WA/PVP-17) (A) **Mr 102**

Tsai, S. S. A General Formulation and Analytical Solutions for Multi-Dimensional Radiative Transfer in Non-gray Gases (77-HT-51) (A) **O 106**; The Potential for Penetration of a Hot Vapor Jet into a Subcooled Liquid (76-WA/HT-78) (A) **Je 116**

Tsang, S. A Model of a Sac-Type Artificial Ventricle in Mock Circulation (76-WA/Bio-7) (A) **Jl 102**

Tseka, J. Variable Geometry Air Cycle Machine (77-ENAs-7) (A) **O 108**

Tsuei, Y. G. Theoretical and Experimental Study of Workpiece Geometry in Electrochemical Machining (76-WA/Prod-6) (A) **Jl 97**

Tsui, Y. T. On Wake-Induced Flutter of a Circular Cylinder in the Wake of Another (77-APM-28) (A) **S 97**

"Tubar" Hydraulic Dumper
Dumper-Incinerator-Boiler System (BTR) **Ag 54**

Tube Arrays
Fluid Elastic Whirling of Tube Rows and Tube Arrays (76-WA/FE-26) (A) **F 137**

Tube Banks
Dynamics of Heat Exchanger Tube Banks (76-WA/FE-28) (A) **F 137**
A Preliminary Study of Flow and Acoustic Phenomena in Tube Banks (77-FE-7) (A) **S 100**

Tube Bundles
Heat Transfer from a Finned Tube Bundle in the Presence of a Corona Discharge (76-WA/HT-40) (A) **Je 112**
Heat Transfer in Tube Bundles of Heat Exchangers with Flow Baffles Induced Forced Mixing (76-WA/HT-73) (A) **Je 115**

Tube Ends
Analysis of Multi-Inversion of Tube Ends (77-DE-35) (A) **S 92**

Tube Rows
Fluid Elastic Whirling of Tube Rows and Tube Arrays (76-WA/FE-26) (A) **F 137**

Tubes
An Approximate Analysis of Laminar Dispersion in Circular Tubes (76-WA/APM-10) (A) **Je 110**
The Compression of Thick-Walled Tubes by External Pressure (77-PVP-2) (A) **N 106**
Contact Conductance of Mechanically Expanded Plate Finned Tube Heat Exchangers (77-HT-24) (A) **O 102**
Erosion of a Tube by Gas-Particle Flow (76-WA/Mat-9) (A) **Mr 99**
Heat Transfer, Pressure Drop, and Performance Evaluation of a Quintuplex Internally Finned Tube (77-HT-46) (A) **O 105**
Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) (A) **O 101**
Pulse Propagation in Fluid-Filled Tubes (77-APM-7) (A) **S 94**
Radiative and Convective Transfer for Real Gas Flow Through a Tube with Specified Wall Heat Flux (77-HT-13) (A) **O 101**
Stress Relaxation of a Thick-Walled Tube Shrunk Inside a Rigid Sheet (77-DE-42) (A) **S 93**

Tubesheets
Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) (A) **F 133**

Tubular Arrays
Experimental Data on the Natural Frequency of a Tubular Array (77-FE-10) (A) **S 100**

Tubular Columns
Nonlinear Buckling of Tubular Columns (77-PVP-55) (A) **D 105**

Tubular Heat Exchangers
A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) (A) **Ja 112**

Tubular Steels
Evaluation of the Sulfide SCC Susceptibility of Tubular Steels (77-Pet-3) (A) **N 108**

Tucker, C. L., III Fluid Delivery and Metering for Reaction-Injection Molding (76-WA/PID-19) (A) **Je 108**

Tulenko, J. S. Fuel Performance in Babcock & Wilcox Pressurized Water Reactors (76-WA/NE-16) (A) **Ap 94**

Tulin, M. P. Effects of Additive Ejection on Lifting Hydrofoils (77-FE-27) (A) **O 111**

Tune-Up Test
Power Tower Tune-Up (BTR) **O 69**

Turbid Water Bodies
Prediction of Radiation Absorption and Scattering Turbid Water Bodies (77-HT-47) (A) **O 104**

Turbine Blades
Effect of Centrifugal Forces on Lateral Deflection and Fundamental Frequency of Turbine Blade (77-Pet-12) (A) **D 106**
Effect of Water-Cooling Turbine Blades on Advanced Gas Turbine Power Systems (77-GT-80) (A) **Ag 102**

Turbine Cascades
The Effect of a Transversely Injected Stream on the Flow Through Turbine Cascades: Part 1— Flow Effects (77-GT-87) (A) **Ag 103**; Part 2—Performance Changes (77-GT-88) (A) **Ag 103**

Turbine-Condenser Connections
Factors Affecting the Design of Turbine-Condenser Connections (76-JPGC-Pwr-3) (A) **Ja 109**

Turbine-Cooling Test Facility
A High-Pressure, High-Temperature Combustor and Turbine-Cooling Test Facility (76-WA/GT-4) (A) **Mr 96**

Turbine Damage
Turbine Damage by Solid Particle Erosion (76-JPGC-Pwr-15) (A) **Ja 110**

Turbine Engine Components
Digital Simulation of Fixed and Variable Geometry Free Gas Turbine Engines Based on Quasi-Steady Approach (76-WA/GT-1) (A) **Mr 96**

Turbine Failure
Use of a Brittle Notch DWTT Specimen to Predict Fracture Characteristics of Line Pipe Steels (77-Pet-21) (A) **D 106**

Turbine-Generator Fans
Computer Design and Analysis of Turbine-Generator Fans (76-WA/FE-9) (A) **F 135**

Turbine Generators
Bigger Turbines for Hydrothermal Power (ES) **Ap 20**
Measurements of Torsional Dynamic Characteristics of The San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) (A) **Ja 109**

Turbine Nozzles
Variable Power Turbine Nozzle System Mechanical Development (77-GT-105) (A) **Ag 105**

Turbine Power Plants
Considerations Concerning the Layout of Nuclear Helium Turbine Power Plants With Optimum Economy (77-GT-79) (A) **Ag 102**

Turbine Rotors
Experimental Analysis of a Hybrid Ceramic-Wrought Superalloy Turbine Rotor (77-GT-7) (A) **Jl 93**

Turbine Systems
Turbine Systems to Reduce Petroleum Refining and Petrochemical Plant Energy Costs (76-Pet-62) (A) **Ja 105**

Turbine Transmission Systems
Three-Shaft Automotive Turbine-Transmission Systems of the KTT Type-Performance and Features (77-GT-94) (A) **Ag 104**

Turbines
Thermal Performance and Reliability Requirements of 5000 Hp to 15,000 Hp High Speed Mechanical Drive Turbines (76-Pet-4) (A) **Ja 98**

Turbo Compressors
Improving Turbo Compressor Efficiency via Performance Analysis Techniques (77-GT-53) (A) **Ag 99**

Turbo Expander
Improved Cryogenic Processing—(Application of Multistage Turbo-Expander Design to Cryogenic Processes) (76-WA/PID-12) (A) **Je 107**

Turbocharged Diesel Engines
The Design and Development of Turbocharged 1 Liter per Cylinder 4 and 6 Cylinder Air Cooled Diesel Engines (77-DGP-9) (A) **D 99**
Investigations on Highly Turbocharged Air-Cooled Diesel Engines (77-DGP-11) (A) **D 99**
A Real-Time Analogue Computer Simulation of a Turbocharged Diesel Engine (76-WA/DGP-1) (A) **Ap 100**

Turbochargers
Exhaust-Gas Turbochargers and Systems for High-Pressure Charging (77-DGP-12) (A) **D 99**
Prediction and Measurement of Two-Stroke Cycle Diesel Engine Performance and Smoke at Altitude (77-DGP-3) (A) **D 100**
Turbocharged Diesel Engine Simulation to Predict Steady-State and Transient Performance (77-DGP-5) (A) **D 98**
Turbochargers (CB) **Jl 107**

Turbofan Engines
Status Report of the Turbofan Engine Development Program in Japan (77-GT-102) (A) **Ag 105**

Turbofan Exhaust
Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) (A) **Ag 105**

Turbofans
NASA's Quiet, Clean General Aviation Turbofan (QCGAT) Program Status (77-GT-77) (A) **Ag 102**

Turbogenerators
Diagnosis in Operation of Bearing Misalignments in Turbogenerators (77-DET-14) (A) **D 102**

Turbomachinery
Ammonia Turbomachinery Design Considerations for the Direct Cycle Nuclear Gas Turbine Waste Heat Power Plant (77-GT-75) (A) **Ag 102**
The Design of Turbomachinery for the Gas Turbine (Direct Cycle) High Temperature Gas Cooled Reactor Power Plant (77-GT-38) (A) **Ag 97**
A Method for Investigating the Dynamic Behavior of a Turbomachinery Shaft on a Foundation (77-DET-16) (A) **D 102**
Use of In-Field Computer for Balancing High Power Turbo-Machinery (77-DET-11) (A) **D 102**

Turbomachinery Cascades
Inverse Computation of Profile Shapes for Given Transonic Flow-Configuration With and Without Detached Bow-Shocks in Two-Dimensional Turbomachinery Cascades (77-GT-33) (A) **Ag 97**
Turbomachinery Flows
A Comparison of Two Computational Procedures Applied to Turbomachinery Flows (77-FE-14) (A) **S 100**
Turbomachinery Protection
A Dedicated Mini-Computer Based Monitoring System for Turbomachinery Protection and Analysis (76-Pet-13) (A) **Ja 99**
Turbomachinery Research Laboratory
The V.P.I. Gas Turbine and Turbomachinery Research Laboratory (77-GT-73) (A) **Ag 102**
Turbomachinery Systems
Turbo Machinery Systems for Compressed Air Energy Storage (76-JPGC-GT-1) (A) **Ja 111**
Turbomachines
Description, Output and Development Prospects of a 750°C Helium Direct Cycle Nuclear Power Plant with a Single Turbomachine and Intermediate Cooling (77-GT-2) (A) **Jl 92**
Turboprop Engines
Evaluation of a Staged Fuel Combustor for Turboprop Engines (76-WA/GT-5) (A) **Mr 96**
Turbopumps
The Space Shuttle Main Engine High-Pressure Fuel Turbopump Rotordynamic Instability Problem (77-GT-49) (A) **Ag 99**
Turborotors
Computation of Unbalance Vibrations of Turborotors (77-DET-13) (A) **D 102**
Turbulence
Account of Mainstream Turbulence for Predicting Film Cooling Effectiveness in Gas Turbine Combustors (77-HT-10) (A) **O 101**
Design of Efficient Turbulent Thrust Bearings (76-Lub-29) (A) **F 143**
Turbulence Intensity
The Effects of Free-Stream Turbulence Intensity and Velocity Distribution on Heat Transfer to Curved Surfaces (77-GT-48) (A) **Ag 98**
Turbulence Measurements
Turbulence Measurements in Dilute Polymer Wake Flows (77-FE-31) (A) **O 111**
Turbulence Measurements of Spray Flames (77-HT-15) (A) **O 101**
Turbulence Models
Validation of Turbulence Models for LMFBR Outlet Plenum Flows (77-HT-34) (A) **O 103**
Turbulent Boundary Layers
Deceleration Rate Parameter and Algebraic Prediction of Turbulent Boundary Layer (76-WA/FE-7) (A) **F 134**
An Investigation of the Forces on Three-Dimensional Bluff Bodies in Rough Wall Turbulent Boundary Layers (76-WA/FE-1) (A) **F 134**
Turbulent Diffusion
A Numerical Model for Turbulent Diffusion in Gas-Particle Flows (76-WA/FE-33) (A) **F 137**
Turbulent Flow
Aeroelastic Response of Square and H-Sections in Turbulent Flows (76-WA/FE-19) (A) **F 136**
Computation of Annular Turbulent Flow With Rotating Core Tube (77-FE-13) (A) **S 100**
The Interrelationship Between Eddy Viscosity, Mixing Length, Entrainment and Width Growth Models in Turbulent Flows (77-FE-20) (A) **O 110**
A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (77-FE-4) (A) **S 99**
Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) (A) **O 101**
Production and Dissipation of Energy in the Turbulent Flow of a Particle-Fluid Mixture, With Some Results on Drag Reduction (76-WA/APM-24) (A) **Jl 104**
Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) (A) **F 139**
Turbulent Flow Past a Square Prism (76-WA/FE-5) (A) **F 134**
Turbulent Fluctuating Temperatures
Interferometric Investigation of Turbulently Fluctuating Temperature in an LMFBR Outlet Plenum Geometry (76-WA/HT-82) (A) **Je 117**
Turbulent Heat Transfer
A Numerical Solution to the Unsteady Quasi-Three-Dimensional, Turbulent Heat Transfer Problem in an MHD Channel (77-HT-90) (A) **N 105**
Turbulent Jet Mixing
Increased Turbulent Jet Mixing Rates Obtained by Self-Excited Acoustic Oscillations (77-FE-18) (A) **S 101**
Turbulent Momentum
Investigation of Turbulent Momentum Transfer of Fully Developed Rotating Annular Axial Flow of Air (76-WA/HT-35) (A) **Je 117**
Turbulent Pipe Flow
Response of a Turbulent Pipe Flow to a Change in Roughness (77-FE-3) (A) **S 99**
Turbulent Shear Flow
Numerical Simulation of Particulate Motion in Turbulent Gas-Solid Channel Flow (76-WA/FE-37) (A) **F 138**
Turbulent Wall Pressure Fluctuations
Spectral and Temporal Characteristics of Post-Stenotic Turbulent Wall Pressure Fluctuations (77-Bio-8) (A) **S 99**
Turchaninov, I. A. Boreholes' Stability and Its Prognosis in Ledge Rock Masses (76-Pet-58 (A) **Ja 105**
Turner, D. M. Rod Bundle Film Boiling Heat Transfer Experiments (77-HT-94) (A) **N 105**
Turner, H. G. The Spill Control and Recovery Valve—A New Concept for Reducing Fuel Temperatures and the Cost of Ownership of Gas Turbine Control Systems (77-GT-56) (A) **Ag 99**
Turner, L. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**
Turret Lathes
New Single-Spindle Turret Lathe (BTR) **Ag 48**
Tuve, G. L. *(author)* Our Four Interdependent Crises: Energy, Environment, Populations, & Food (CB) **Mr 107**
Tuzson, J. The Right to Choose (C) **My 49**
Twin-Engine Family
Development of the MTU 956/1163 Twin Engine Family (77-DGP-17) (A) **D 100**
Twisted Wire Cables
Axial Impact of Twisted Wire Cables (77-APM-2) (A) **S 94**
Two-Axle Railway Trucks
A Mathematical Simulation of the Curve Entry and Curve Negotiation Dynamics of Flexible Two Axle Railway Trucks (76-WA/RT-14) (A) **Mr 96**
Two-Phase Convection
He II-He I Two-Phase Convection in Cryo-Fluid He Above the Critical Pressure (76-WA/HT-58) (A) **Je 113**
Two-Phase Flow
Calculation of Two-Phase Dispersed Droplet-in-Vapor Flows Including Normal Shock Waves (76-WA/FE-31) (A) **F 137**
Comparisons of RELAP-4 Predictions with Steady-State Two-Phase Critical Flow Data (76-WA/HT-51) (A) **Je 112**
Down Sloping Inclined Pipe Flow Regime Transactions (76-Pet-30) (A) **Ja 101**
Down Sloping Inclined Pipe Pressure Drop and Holdup (76-Pet-29) (A) **Ja 102**
An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) (A) **Je 105**
On the Mechanism of Liquid Drop Deposition in Two-Phase Flow (76-WA/HT-18) (A) **My 100**
A Method for Correlating the Characteristics of Centrifugal Pumps in Two-Phase Flow (76-WA/FE-29) (A) **F 137**
Two-Phase Flow in Gas-Transmission Pipelines (76-Pet-25) (A) **Ja 101**
Two-Phase Slip Flow
Two-Phase Slip Flow Quality Determination by Non-Isokinetic Tracer Sampling (76-WA/HT-72) (A) **Je 115**
Two-Stroke Diesel Engine
Prediction and Measurement of Two-Stroke Cycle Diesel Engine Performance and Smoke at Altitude (77-DGP-3) (A) **D 100**

U

Ucar, M. Generalized Weather Functions for Computer Analysis of a Solar-Assisted HVAC Systems (76-WA/Sol-20) (A) **Mr 103**; Thermal Simulation of a Building with Solar Assisted Closed Liquid Loop Unitary Heat Pumps (76-WA/Sol-23) (A) **Mr 103**
Uccetta, S. Pilot Project in Technology Transfer to a Developing Nation (76-WA/Aero-6) (A) **My 96**
Udwadia, F. Transient Response of a Shear Beam to Correlated Random Boundary Excitation (77-APM-24) (A) **S 96**
Ueda, S. The Automatic Welding System for Offshore Pipe Laying (76-Pet-32) (A) **Ja 102**
Ultrafiltration
Ultrafiltration of Black and Gray Wastewater (77-ENAs-57) (A) **N 101**
Ultrasonic Inspectability
Effects of Construction Practices on the Ultrasonic Inspectability of Piping Welds (77-PVP-15) (A) **N 106**
Ultrasonic Measurements
Ultrasonic Measurement of Fracture Toughness (BTR) **Mr 64**
Ultrasonic Testing
Automated Ultrasonic Testing—Capabilities, Limitations, and Methods (77-PVP-16) (A) **N 106**
Synthetic Aperture Ultrasonic Inspection of Pressure Vessels and Piping (77-PVP-23) (A) **N 108**
Ultrasonic Waves
Laser Lowdown (C) **S 46**
New Technique Enhances Ultrasonic Waves **Je 53**
Ultrasonics
New Ultrasonic Wastewater Treatment (BTR) **N 60**
Ultraviolet Radiation
Ozone Endangered by Chemical Fertilizers (BTR) **O 62**
Unbalance Response
Optimum Bearing and Support Damping for Unbalance Response and Stability of Rotating Machinery (77-GT-27) (A) **Jl 95**
Unbalance Vibrations
Computation of Unbalance Vibrations of Turborotors (77-DET-13) (A) **D 102**
Unconventional Fuels
The NOx Emission Levels of Unconventional Fuels for Gas Turbines (77-GT-16) (A) **Jl 94**
Underground Coal Gasification
Hydraulic Fracturing Thin Coal Seams in Preparation for In-Situ Gasification (76-Pet-98) (A) **F 139**
Underground Electric Cables
Flow and Heat Transfer in Convectively Cooled Underground Electric Cable Systems: Temperature Distributions and Heat Transfer Correlations (76-WA/HT-42) (A) **Je 112**
Underground Electric Cable Systems
Flow and Heat Transfer in Convectively Cooled Underground Electric Cable Systems: Velocity Distributions and Pressure Drop Correlations (76-WA/HT-45) (A) **Je 112**
Underground Storage
Underground Compressed Air Storage Power-Parametric Analysis of Cycles and Cost for Various Concepts (76-JPGC-GT-5) (A) **Ja 111**
Underground Storage Tanks
Experimental Study of LNG Underground Tank (76-WA/PID-5) (A) **Je 106**
Undersea Applications
Spherical Sector Windows With Restrained Edge for Undersea Applications (76-WA/OcE-3) (A) **My 94**
Undersea Cable Structures
Scale Modeling of Large Elastic Undersea Cable Structures (76-WA/OcE-8) (A) **My 95**
Undersea Harvest
Computer-Optimized Undersea Harvest (BTR) **S 50**
Undersea Structures
Pseudo-Cylindrical Shells: A New Concept for Undersea Structures (76-WA/OcE-6) (A) **My 95**
Undersea Technology
Subsea Work Boats (BTR) **O 58**
Undersea World
Opening the Undersea World (IF) **O 72**
Underwater Applications
Cable Kinking Analysis and Prevention (76-WA/DE-4) (A) **Mr 104**
Underwater Explosions
Spherical Acrylic Plastic Hulls Under External Explosive Loading (76-WA/OcE-4) (A) **My 94**
Underwater Propulsion Systems
Electrochemical Energy Conversion—Part 2: Utilities, Marine and Space Applications **Jl 28**
Underwood, A. F. *(recipient)* ASME Honorary Membership **Ja CR-6**
Unemployment
The True Source of Jobs—And Joblessness (NB) **Mr 75**
Unethical Engineers
Ethics Problem (c) O 54
Ethics, Unethical Engineers, and ASME **Jl 42**
Unethical Practices
The Engineer Faces Unethical Practices **Mr 83**

The Importance of Responsible Dissent **JI 77**

Uniform Outlet Velocity Profiles

An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers with Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) (A) **F 134**

Uniform Wall Thickness

Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) (A) **JI 98**

Unions

Engineers, Unions, and Common Sense **Ja 81**

For Unions (C) **Mr 52**

The Right to Choose (C) **My 49**

Union Propaganda

A Strong Protest (C) **Ja 55**

Unit Force

No Worse Force Choice (C) **My 49**

Unit Trains

Controlling Slack Action in a Unit Train (77-RT-12) (A) **Ag 107**

Unit Trains Transport

Progress in Railway Mechanical Engineering (1975–1976 Report of Survey Committee) Cars and Equipment (76-WA/RT-12) (A) **Mr 95**

Universal Structural Analysis Service (UNISTRUC)

Engineering Design Time Savings (BTR) **Je 54**

University Exchange Programs

University Engineering Exchange Program (EN) **JI 70**

Unstalled Flutter

Unsteady Aerodynamic Forces on Vibrating Transonic Turbine Cascades (76-WA/GT-8) (A) **Mr 97**

Unsteady Flow

Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) (A) **JI 93**

Simulation of a Two Cylinder Compressor for Discharge Gas Pressure Oscillation Prediction (76-WA/FE-10) (A) **F 135**

Unsteady Flow Machines

Analysis, Practical Applications and Design of Unsteady Flow Machines: Dividers and Equalizers (76-WA/FE-23) (A) **F 136**

Upatnicks, J. *(recipient)* Holley Medal **Ja CR-6**

Upright Burning Surfaces

An Investigation of the Laminar Overfire Region Along Upright Surfaces (77-HT-68) (A) **O 107**

Uram, E. M. A Method for Estimating Steam Hammer Effects on Swing-Check Valves During Closure (76-JPGC-Pwr-6) (A) **Ja 109**

Uranium Fuel

Nuclear Production Expanded (IF) **N 68**

Urashima, C. Influence of Inner Surface Defects on the Fatigue Strength of Pipe Subjected to Cyclic Internal Pressure (77-PVP-41) (A) **D 104**

Urban Transportation

Driverless Vehicles (BTR) **Mr 61**

Urea Transport

Urea Transport Through Composite Polyallylamine Membranes (77-ENAs-5) (A) **O 108**

Urethane

Roofing Sandwich: Fiber Glass and Urethane (BTR) **F 60**

Urethane Bumper System

Front Barrier Protection at 50 MPH (BTR) **Je 57**

Urine Pretreatment

Removal of Contaminant Gases from an Electrolytic Urine Pretreatment Process (77-ENAs-61) (A) **N 101**

Urine Vapor

Removal of Ammonia from Urine Vapor by a Dual-Catalyst System (77-ENAs-48) (A) **N 100**

Utilities

Utility-Supplier Cooperation (ES) **Ag 18**

Utilities Operations

Electrochemical Energy Conversion—Part 2: Utilities, Marine and Space Applications **JI 28**

Utility Boilers

Using Digital Control for Utility Boiler Sootblower Systems (76-JPGC-Pwr-8) (A) **Ja 109**

Utility Rate Increase

Fewer Rate Increases in '76 (ES) **Ja 18**

Utility Research

Gas Turbine Engineers Highlight New Fuels, Materials, Applications **My 74**

Utilization Systems

Cross-Media Considerations in Regulatory Policy for Utilization Systems (77-Pet-4) (A) **N 108**

Utsunomiya, K. The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) (A) **Je 114**

Uy, J. C. Design Properties of Silicon Nitride for High Temperature Gas Turbine Application (77-GT-55) (A) **Ag 99**

V

Vachon, R. I. Design Engineering and the Law **O 44**

Vacuum

Indoor Test Methods to Determine the Effect of Vacuum on the Performance of a Tubular Flat Plate Collector (76-WA/Sol-24) (A) **Mr 103**

Vacuum Systems

Application of Basic Energy Conservation Principles to the Design of Rough Vacuum Systems (76-WA/PID-17) (A) **Je 108**

Vagtborg, H. *(author)* Research and American Industrial Development: A Bicentennial Look at the Contributions of Applied R&D (CB) **F 144**

Valdez, P. J. Service Experience of High Strength Cast 17-4PH Gas Compressor Impellers in Corrosive Environments (76-Pet-27) (A) **Ja 101**

Vallance, J. K. Reliability and Durability of Ceramic Regenerators in a Gas Turbine (77-GT-59) (A) **Ag 100**

Vallino, J. R. Unprofessional Display (C) **My 50**

Valves

Friction Area and Nozzle Area for Valves and Fittings as New All-Purpose Flow Parameters (76-Pet-2) (A) **Ja 98**

Moment Capability of Valves Using Semi-Analytical Finite Element Approach (76-Pet-38) (A) **Ja 102**

Valve Stems

Seals for Valve Stems and Wellheads in High Pressure-High Temperature Service (76-Pet-5) (A) **Ja 98**

Valve Venting

Vent Valve Reaction Force (77-PVP-52) (A) **D 105**

Valve Wear

Valve Wear, Statistically Speaking (77-DGP-8) (A) **D 98**

Van Alphen, G. W. H. M. The Elasticity of Sclera, Cornea, and Choroid, and Its Implications on Scleral Rigidity and Accommodations (77-Bio-5) (A) **S 99**

Vanderschmidt, G. F. Development of a Training Program for Compliance With the Consumer Products Safety Act (77-RC-14) (A) **Ag 109**

Van der Sluys, W. A. Determination of Stress Intensity Factors for Gradient Stress Fields (76-WA/PVP-10) (A) **Mr 100**

Van Fossen, D. B. RepetitiveSubstructures for Pressure Vessel Analysis (77-PVP-28) (A) **N 108**

Van Hees, W. A Continuous Shipboard Laundry Wastewater Treatment and Recycling System (77-ENAs-40) (A) **N 99**

van Leeuwen, H. Journal Bearing Impedance Descriptions of Rotordynamic Applications (76-Lub-24) (A) **F 142**

Van Staaldulnen, P. COGOG Propulsion Installations in Guided Missile and Standard Class Frigates of the Royal Netherlands Navy: (A review of the development from the specific design philosophies to the acutal technical, personnel and maintenance/logistic management in service) (77-GT-68) (A) **Ag 101**

Vanston, J. H., Jr. The Partitive Analytical Forecasting (PAF) Technique as an Aid in Long-Term Research and Development Program Planning (76-WA/Mgt-4) (A) **Je 104**

VanWanderham, M. C. Experimental Analysis of a Hybrid Ceramic-Wrought Superalloy Turbine Rotor (77-GT-7) (A) **JI 93**

Vapor Bubbles

Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) (A) **My 100**

Vapor Compression Distillation

Improved Waste Water Vapor Compression Distillation Technology (77-ENAs-20) (A) **N 96**

Vapor-Deposited Transducers

Vapor Deposited Transducers for Designing Against High Cycle Fatigue (77-DE-33) (A) **S 91**

Vapor Generation

A Post-Dryout Heat Transfer Model Based on Actual Vapor Generation Rate in Dispersed Droplet Regime (77-HT-80) (A) **N 103**

Vapor Jets

The Potential for Penetration of a Hot Vapor Jet into a Subcooled Liquid (76-WA/HT-78) (A) **Je 116**

Vapor Spinodal Lines

Corresponding States Correlations of the Liquid and Vapor Spinodal Lines (77-HT-20) (A) **O 102**

Vaporizing Droplets

Dynamics of a Vaporizing Droplet in Laminar Entry Region of a Straight Channel (77-HT-40) (A) **O 104**

Varde, K. S. Prediction of Instantaneous Temperature Using Spectroscopic Method (76-WA/TM-3) (A) **Je 104**

Varghese, G. Influence of Volute Surface Roughness on the Performance of a Centrifugal Pump (77-FE-8) (A) **S 100**

Variable Conductance

Fabrication and Comparative Performance of Three Variable Conductance Heat Pipe Concepts (77-ENAs-42) (A) **N 99**

Variable Geometry

Digital Simulation of Fixed and Variable Geometry Free Gas Turbine Engines Based on Quasi-Steady Approach (76-WA/GT-1) (A) **Mr 96**

Variable Geometry Air Cycle Machine (77-ENAs-7) (A) **O 108**

Variable Gravity

Laminar Film Condensation-Combined Effect of Magnetic Field and Variable Gravity (77-HT-25) (A) **O 102**

Variable-Nozzle Power Turbines

Aerothermodynamic Performance of a Variable Nozzle Power Turbine Stage for an Automotive Gas Turbine (77-GT-95) (A) **Ag 104**

Variable Power Turbine Nozzles

Variable Power Turbine Nozzle System Mechanical Development (77-GT-105) (A) **Ag 105**

Variable Temperatures

A Theoretical and Experimental Investigation of Creep Problems With Variable Temperature (76-WA/APM-25) (A) **JI 104**

Vasko, J. S. Fluid Dynamics of Multiple Noncritical Stenoses (76-WA/Bio-2) (A) **JI 101**

Vaughan, D. A. Corrosion and Deposits From Combustion of Solid Waste Part V: Firing of Refuse with High-Sulfur Coal (76-WA/CD-1) (A) **My 91**

Vaughen, M. R. Variable Power Turbine Nozzle System Mechanical Development (77-GT-105) (A) **Ag 105**

V-Corrugated Sheets

Radiant Transmittance of V-Corrugated Transparent Sheets with Application to Solar Collectors (76-WA/Sol-1) (A) **F 130**

Vector-Network Methods

Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) (A) **Ap 96**

Vee-Trough Concentrators

Fixed Flat Plate Collector with a Reversible Vee-Trough Concentrator (76-WA/HT-12) (A) **My 99**

Vegetation

Of Men, Sheep, and Goats (BTR) **D 56**

Vehicle Fleet

A Computer Simulation Model for Determining Fleet Size and Composition (76-WA/Mgt-1) (A) **Je 104**

Vehicular Gas Turbines

Development of the Centrifugal Compressor for the Nissan Vehicular Gas Turbine (77-GT-100) (A) **Ag 105**

High-Performance Ceramic-Based Vehicular Gas Turbines **Mr 35**

Vehicular Pollution

Dealing with Vehicular Pollution (C) **Ap 51**

Velkoff, H. R. Electrostatic Cooling (77-DE-36) (A) **S 92**; Low-Velocity Heat Transfer to a Flat Plate in the Presence of a Corona Discharge in Air (76-WA/HT-47) (A) **Je 112**

Velocity

Some Measured and Calculated Effects of Forward Velocity on Propeller Noise (77-GT-70) (A) **Ag 101**

Velocity Distributions

The Effects of Free-Stream Turbulence Intensity and Velocity Distribution on Heat Transfer to Curved Surfaces (77-GT-48) (A) **Ag 98**

Flow and Heat Transfer in Convectively Cooled Underground Electric Cable Systems: Velocity Distributions and Pressure Drop Correlations (76-WA/HT-45) (A) **Je 112**

Velocity Fields

Effects of Wall Electrical Conductance and Induced Magnetic Field on MHD Channel Heat Transfer with Developing Thermal and Velocity Fields (77-HT-63) (A) **O 107**

Velocity-Potential Method
Hydrodynamic Forces in a Marine Riser: A Velocity-Potential Method (76-Pet-81) (A) **Ja 107**
Velocity Profiles
An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers with Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) (A) **F 134**
Velocity and Temperature Profiles in Near-Critical Nitrogen Flowing Past a Horizontal Flat Plate (77-HT-7) (A) **O 101**
Venable, C. R., Jr. Utilization of Refractory Concretes in Refining and Petrochemical Operations (77-Pet-35) (A) **D 107**
Veneruso, A. F. Simulation and Operation of a Solar Powered Organic Rankine Cycle Turbine (76-WA/Sol-18) (A) **Mr 103**
Venezuelan Residual Fuel Oil
Recent Practices in Handling the Products of Combustion from Venezuelan Residual Fuel Oil (76-JPGC-Pwr-9) (A) **Ja 110**
Venhuis, D. Prediction and Measurement of Two Stroke Cycle Diesel Engine Performance and Smoke at Altitude (77-DGP-3) (A) **D 100**
Ventilation
Reduce Ventilation/Save Energy (ES) **Jl 22**
Venturi Siphon Flow
Modelling the Steady-State Characteristics of a Single-Stage Pneumatic Pressure Regulator (76-WA/Flcs-6) (A) **Ap 101**
Vepa, K. Ammonia Turbomachinery Design Considerations for the Direct Cycle Nucear Gas Turbine Waste Heat Power Plant (77-GT-75) (A) **Ag 102**
Verdon, J. M. Further Developments in the Aerodynamic Analysis of Unsteady Supersonic Cascades Part I: The Unsteady Pressure Field (77-GT-44) (A) **Ag 98**; Further Developments in the Aerodynamic Analysis of Unsteady Supersonic Cascades Part 2: Aerodynamic Response Predictions (77-GT-45) (A) **Ag 98**
Verdouw, A. J. Evaluation of a Staged Fuel Combustor for Turboprop Engines (76-WA/GT-5) (A) **Mr 96**
Vertical Axis Wind Turbine
Seven-Story-High "Eggbeater" Delivers 65 kW (BTR) **Ag 45**
Vertical Enclosures
Constant Heating Transient Natural Convection in Partially Insulated Vertical Enclosures (77-HT-35) (A) **O 103**
Vertical Isothermal Tubes
Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) (A) **My 100**
Vertical-Lift Conveyors
New Vertical-Lift Belt-Type Conveyor (BTR) **Ag 53**
Vertical Plates
The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) (A) **Je 114**
Mixed Convection Heat Transfer from a Vertical Plate: Prandtl Number Effects (76-WA/HT-17) (A) **My 100**
Vertical Rod Bundles
Combined Forced and Free Laminar Convection in Vertical Rod Bundles with Longitudinal Flow (77-HT-44) (A) **O 105**
Vibrating Panels
Acoustic Characteristics of a Car Cavity and Estimation of Interior Sound Field Produced by Vibrating Panel (76-WA/DE-1) (A) **Mr 104**
Vibration
Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) (A) **S 96**
Vibration Energy
Vibration Energy: A Quick Approach to Rotor Dynamic Optimization (76-Pet-60) (A) **Ja 105**
Vibration Measurements
Design and Manufacturing of a Gas Turbine Rotor for Temperature and Vibration Measurements (77-GT-54) (A) **Ag 99**
Vibration Problems
Application of Modal Testing Techniques to Solve Vibration Problems in Machinery Supporting Structures (77-DE-16) (A) **S 90**
Digital Experimental Techniques for Troubleshooting Vibration Problems in Rotating Equipment (77-PVP-49) (A) **D 105**
Vibration Problems (BTR) **N 65**
Vibration Test Unit
Laboratory Techniques for Quantifying the Performance of Rail Vehicles Utilizing Servo-Controlled Hydraulic Vertical Actuators (76-WA/RT-5) (A) **Mr 94**
Vibrational Analysis
Vibrational Analysis of Mechanics Using Constant Length Finite Elements (76-WA/DE-21) (A) **Ap 99**
Vibrational Behavior
Transverse Vibration of a Uniform, Simply Supported Timoshenko Beam Without Transverse Deflection (76-WA/APM-20) (A) **Jl 103**
Vibrational Characteristics
Vibrational Characteristics of Ball Bearings (76-Lub-8) (A) **F 140**
Vibratory-Bowl Feeder
Analysis of Feeding and Orienting Systems for Automatic Assembly--Part 2: Vibratory-Bowl Feeding Systems (76-WA/Prod-39) (A) **Jl 101**
Vibratory-Bowl Feeders
Natural Resting Apsects of Parts for Automatic Handling (76-WA/Prod-40) (A) **Jl 101**
Vibratory Forcing Functions
Vibratory Forcing Functions Produced by Nonuniform Cascades (77-GT-57) (A) **Ag 99**
Vibratory Identification
Vibratory Identification of Beam Boundary Conditions (76-WA/Aut-1) (A) **My 92**
Victory, J. J. Mining Manganese Nodules from the Ocean Floor **Ag 20**
Viet, L. Use of Electrochemical Methods for the Study of Mass Transfer and Drag Reduction in Polymer Solutions Close to a Wall (77-FE-32) (A) **O 111**
Vinson, J. R. Analysis of Adhesively Bonded Joints Between Panels of Composite Materials (77-APM-1) (A) **S 94**
Viscid-Inviscid Interactions
Viscid-Inviscid Interaction of Incompressible Separated Flows (76-WA/APM-7) (A) **Je 110**
Viscoelastic Bodies
Contact Between Viscoelastic Bodies (76-WA/APM-19) (A) **Jl 103**
Viscoelastic Dynamic Absorbers
Design of a Viscoelastic Dynamic Absorbor For Machine Tool Applications (76-WA/Prod-20) (A) **Jl 98**
Viscoelastic Shells
The Vibrations of an Infinite Orthotropic Layered Cylindrical Viscoelastic Shell in an Acoustic Medium (76-WA/APM-33) (A) **Jl 105**
Viscosity
Convection in Porous Medium Heated from Below: The Effect of Temperature Dependent Viscosity and Thermal Expansion Coefficient (77-HT-56) (A) **O 106**
Viscous Dissipation
Laminar Heat Transfer in Ducts with Viscous Dissipation and Convective Radiative Exchange at the Walls (76-WA/HT-59) (A) **Je 114**
Viscous Fluids
The Squeezing of a Fluid Between Two Plates (76-WA/APM-14) (A) **Jl 103**
Viskanta, R. *(recipient)* Heat Transfer Memorial Award **Ja CR-7**; Study of Heat Transfer and Melting Front from a Cylinder Imbedded in a Phase Change Material (77-HT-42) (A) **O 104**
Viswanath, S. Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) (A) **Mr 100**
Vitagliano, V. J. New Career Paths in Engineering: The Computer—The Engineer's Tool **My 46**
Vogt, P. M. Thin-Film Evaporators for Processing BWR Liquid Radwaste (76-WA/NE-4) (A) **Ap 92**
Volatile Products Storage
Conservation and Storage of Petroleum Products (76-Pet-100) (A) **F 139**
Volume-Fraction Distributions
The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays Part I: The Drop-Size/Volume-Fraction Distribution (76-WA/GT-9) (A) **Mr 97**
The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays, Part II: The Drop-Size/Number Distribution (76-WA/GT-10) (A) **Mr 97**
Volume Reduction Processes
The Role of Volume Reduction Processes In LWR Radwaste Treatment (76-WA/NE-5) (A) **Ap 92**
Voluntary Standards
NSB to Participate in Developing Voluntary Standards (NB) **D 73**
Voluntary Standards System
Voluntary Standards Attacked (Again) (NR) **Je 66**
Volute Surface Roughness
Influence of Volute Surface Roughness on the Performance of a Centrifugal Pump (77-FE-8) (A) **S 100**
Von Flue, F. W. *(recipient)* Edwin F. Church Medal **Ja CR-6**
Vortex Excited Oscillations
Vortex Excited Oscillations of Yawed Circular Cylinders (76-WA/FE-16) (A) **F 135**
Vortex Shedding
Organization Fluctuations Due to Flow Past a Square Cross Section Cylinder (76-WA/FE-2) (A) **F 134**
Vortex Sink Rate Sensor
A Numerical Study of Flow Phenomena Within a Vortex Sink Rate Sensor (76-WA/Flcs-12) (A) **Ap 102**
Vortex Stretching
Vortex Stretching Due to Shear Layer Instability (76-WA/Flcs-11) (A) **Ap 102**
Vortex Valves
Tests on a Very Large Vortex Valve (76-WA/Flcs-9) (A) **Ap 101**
Vorum, P. C. Short Pipe Manifold Design for Four-Stroke Engines (76-WA/DGP-4) (A) **Ap 100**
Voyager Spacecraft
"Bottle" Dropped into Cosmic Ocean (BTR) **N 58**
V.P.I. Gas Turbines
The V.P.I. Gas Turbine and Turbomachinery Research Laboratory (77-GT-73) (A) **Ag 102**
V/STOL Aircraft
The Shaft Coupled Lift/Cruise Fan Propulsion System for Navy Multimission V/STOL Aircraft (77-GT-112) (A) **Ag 106**
Vyas, B. D. Mathematical and Physical Models of Ocean Outfall Performance (77-ENAs-52) (A) **N 100**
Vyas, K. C. Synthetic Fuels from Coal and Oil Shale (Technological and Economic Assessment) (76-Pet-22) (A) **Ja 101**

W

Wachel, J. C. Techniques for Controlling Piping Vibration and Failures (76-Pet-18) (A) **Ja 100**
Wachter, W. J. The Development of the Super-Sipper In-Core and Out-of-Core Failed Fuel Detection Systems (76-WA/NE-20) (A) **Ap 95**
Wadkins, R. P. Fuel Rod Bowing Resulting from Internal Pellet Motion (77-HT-29) (A) **O 103**
Wagoner, R. B. Conservation and Storage of Petroleum Products (76-Pet-100) (A) **F 139**
Waibel, R. T. Some Characteristics of Fires Within Uniform Fuel Matrices (77-HT-71) (A) **N 102**
Wake
On Wake-Induced Flutter of a Circular Cylinder in the Wake of Another (77-APM-28) (A) **S 97**
Wake Flow
Turbulence Measurements in Dilute Polymer Wake Flows (77-FE-31) (A) **O 111**
Wake-Induced Flutter
On Wake-Induced Flutter of a Circular Cylinder in the Wake of Another (77-APM-28) (A) **S 97**
Wake Regions
An Experimental Study of Heat Transfer from the Wake Region of a Spray Cooled Isothermal Cylinder (77-HT-33) (A) **O 103**
Wake Turbulent Flames
Wake Turbulent Flames (77-HT-97) (A) **N 105**
Wakeman, R. E. What Communication Means (c) **O 55**
Wakeman, T. G. Structural and Cooling Aspects of the Aden Nonaxisymmetric Exhaust Nozzle (77-GT-110) (A) **Ag 106**
Waldron, W. D. Application of Simulation Cost Modelling to Railroad Roller Bearing Usage (77-RT-7) (A) **Ag 107**
Walker, B. H. Experimental Analysis of a Hybrid Ceramic-Wrought Superalloy Turbine Rotor (77-GT-7) (A) **Jl 93**; Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) (A) **Ja 103**
Walker, H. D. A Study of the Economic Feasibility of a Thermal Energy Storage System for Solar Heating Applications Using a PCM (76-WA/HT-63) (A) **Je 114**
Walker, J. S. *(recipient)* Pi Tau Sigma Gold Medal **Ja CR-6**; Pulse Propagation in Fluid-Filled Tubes (77-APM-7) (A) **S 94**
Wall, F. M. The Design of Ethylene Pyrolysis Furnaces as Related to Prevailing Energy Costs and Availability (77-Pet-36) (A) **D 107**

Wall Electrical Conductance
Effects of Wall Electrical Conductance and Induced Magnetic Field on MHD Channel Heat Transfer with Developing Thermal and Velocity Fields (77-HT-63) (A) **O 107**
Wall Heat Flux
Radiative and Convective Transfer for Real Gas Flow Through a Tube with Specified Wall Heat Flux (77-HT-13) (A) **O 101**
Wall Pressure Fluctuations
Spectral and Temporal Characteristics of Post-Stenotic Turbulent Wall Pressure Fluctuations (77-Bio-8) (A) **S 99**
Wall Temperatures
Adiabatic Wall Temperature and Heat Transfer Downstream of Injection Through Two Rows of Holes (77-GT-50) (A) **Ag 99**
Wall Thickness Products
Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) (A) **Jl 98**
Wall Thinning
Nondestructive Testing of Ferromagnetic and Nonferromagnetic Heat Exchanger Tubing from the ID for Wall Thinning and Cracks (76-Pet-36) (A) **Ja 102**
Wallace, D. W. Wear Protection for Casing and Tool Joints (76-Pet-88) (A) **Ja 108**
Walser, A. Concrete Containments and the ASME Code, Section III, Division 2 (77-PVP-24) (A) **N 107**
Walter, D. K. Waste Resources—Problems and Promise (77-ENAs-49) (A) **N 100**
Walter, M. H. A Theoretical and Experimental Investigation of Creep Problems With Variable Temperature (76-WA/APM25) (A) **Jl 104**
Walter, W. C. Doctorate Debate (C) **Je 51**
Walzer, P. Influences on the Fuel Economy of an Automotive Gas Turbine (77-GT-92) (A) **Ag 104**
Wang, C. -Y. The Squeezing of a Fluid Between Two Plates (76-WA/APM-14) (A) **Jl 103**
Wang, J. C. The Development of a Repulsive Magnetic Bearing (76-WA/Aut-7) (A) **My 92**, Fan Inlet Disturbances and Their Effect on Static Acoustic Data (77-GT-63) (A) **Ag 101**
Wang, S.-T. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**
Wanheim, T. Optimum Design of Ribbon and Wire Wound Cylinders for Metal Forming Dies (76-WA/Prod-28) (A) **Jl 99**
Wankel Engine
Whatever Happened to the Wankel Engine? **My 28**
Ward, C. A. Homogeneous Nucleation of Bubbles at Negative Superheats (77-HT-58) (A) **O 106**
Ward, M. E. Evaluation of a Premixed, Prevaporized Gas Turbine Combustor for No. 2 Distillate (77-GT-69) (A) **Ag 101**
Ward, J. R. Reduction of Heat Transfer to High Velocity Gun Barrels by Wear-Reducing Additives (77-HT-19) (A) **O 102**
Ward, T. M. The Hydrodynamics Laboratory at the California Institute of Technology—1976 (77-FE-12) (A) **S 100**
Warden, D. A. Vent Valve Reaction Force (77-PVP-52) (A) **D 105**
Wardlaw, H. W. R. Fundamentals of Marine Riser Design (76-Pet-84) (A) **Ja 108**
Warner, R. E. P.E. Perspectives (C) **N 54**
Warren, T. M. Hydraulic Fracturing Thin Coal Seams in Preparation for In-Situ Gasification (76-Pet-98) (A) **F 139**
Warren Beams
Rigidity Analysis and Optimization of Warren Beams in Torsion (76-WA/Prod-32) (A) **Jl 100**
Warrington, R. O., Jr. Analysis of a New Concept for a High Temperature Direct Coal-Fired Falling Particle Air Pre-Heater for MHD Power Generation (77-HT-60) (A) **O 106**
Warzinski, R. P. Chemical Cleaning of Coal (76-WA/APC-2) (A) **Ap 102**
Wash Water Reclamation
Wash Water Reclamation Technology for Advanced Manned Spacecraft (77-ENAs-50) (A) **N 100**
Wash Water Recovery
Dynamic Membrane Hyperfiltration Wash Water Recovery (77-ENAs-21) (A) **N 97**
Wasserman, P. *(author)* Encyclopedia of Business Information Sources (CB) **My 103**
Wastage Data
Sodium Heated Steam Generator Tube Wastage Due to Water/Steam to Sodium Leaks—Theory and Correlation (76-WA/HT-77) (A) **Je 116**
Waste Disposal
Wrapping Up the Nuclear Fuel Cycle—Part 2: A Permanent Home for Nuclear Waste **Ja 20**
Waste Energy Conservation
Waste Energy Conservation Techniques (76-Pet-21) (A) **Ja 100**
Waste Heat
The Benefits of Co-Generation (ES) **Jl 23**
Computer Simulation of Atmospheric Effects of Waste Heat Rejected From Conceptual Large Power Parks (76-WA/HT-20) (A) **My 100**
Waste Heat Disposal
Evaluation of Combined Thermal Storage Pond/Dry Cooling Tower Waste Heat Disposal System (77-HT-57) (A) **O 106**
Waste Heat Power Plants
Ammonia Turbomachinery Design Considerations for the Direct Cycle Nuclear Gas Turbine Waste Heat Power Plant (77-GT-75) (A) **Ag 102**
Waste Management
Waste Management for Shuttle (77-ENAs-26) (A) **N 98**
Waste Materials
"Wet Combustion" Process (EN) **Jl 71**
Waste Resources
Waste Resources—Problems and Promise (77-ENAs-49) (A) **N 100**
Waste Streams
Removal of Suspended and Colloidal Solids from Waste Streams by the Use of Cross-Flow Microfiltration (77-ENAs-51) (A) **N 100**
Waste Water
Catalytic Oxidation of Strong Waste Waters (77-ENAs-1) (A) **O 108**
Improved Waste Water Vapor Compression Distillation Technology (77-ENAs-20) (A) **N 96**
Wastewater Reclamation
Water and Wastewater Reclamation in a 21st Century Space Colony (77-ENAs-47) (A) **N 100**
Wastewater Treatment
A Continuous Shipboard Laundry Wastewater Treatment and Recycling System (77-ENAs-40) (A) **N 99**
New Ultrasonic Wastewater Treatment (BTR) **N 60**
Wastewater Ultrafiltration
Ultrafiltration of Black and Gray Wastewater (77-ENAs-57) (A) **N 101**
Waszink, R. P. Interim Evaluation of Exposure Conditions for the Water-Side Corrosion Test of a Sodium Heated Steam Generator Evaporator Model Employing a Duplex Tube (76-JPGC-NE-5) (A) **Ja 112**; Sodium-Heated Evaporator Critical Heat Flux Experiments at Subcritical Pressure Conditions for Commercial LMFBR Plant Application (76-JPGC-NE-10) (A) **Ja 112**
Watanabe, S. Recently Developed Low Carbon Equivalent Heavy Steel Plate with 80 kg/mm² Grade High Tensile Strength (76-Pet-61) (A) **Ja 105**
Watanabe, T. Development of the Centrifugal Compressor for the Nissan Vehicular Gas Turbine (77-GT-100) (A) **Ag 105**
Water
KO Reactions with CO and H O in Air (77-ENAs-12) (A) **O 108**
Reforming of Glucose and Wood at the Critical Conditions of Water (77-ENAs-2) (A) **O 108**
Water Bodies
Prediction of Radiation Absorption and Scattering in Turbid Water Bodies (77-HT-47) (A) **O 104**
Water Bubbler
The Performance of the Water Bubbler Heat Sink for the EF-111 Aircraft (77-ENAs-11) (A) **N 96**
Water Chemistry
PWR Secondary System Chemistry During Air and Cooling Water Inleakage (76-WA/NE-14) (A) **Ap 94**
Water Condenser/Separator
A Rotating High Pressure Water Condenser and Separator (77-ENAs-10) (A) **O 108**
Water Conservation
Effluent Reduction Through Water Conservation and Reuse as Pollution Control Measures for Petroleum Refineries (76-Pet-71) (A) **Ja 106**
Water-Cooled Furnaces
Radiation from a Methanol Furnace (77-HT-14) (A) **O 101**
Water Cooling
Effect of Water-Cooling Turbine Blades on Advanced Gas Turbine Power Systems (77-GT-80) (A) **Ag 102**
Water-Drive Fields
The Estimation of Aquifer Properties from Reservoir Performance in Water-Drive Fields (76-Pet-49) (A) **Ja 103**
Water Drop Evaporation
Evaporation of Small Water Drops Containing Salt in a High-Pressure Steam Environment (76-WA/FE-35) (A) **F 137**
Water Electrolysis System
Development Status of a Preprototype Water Electrolysis System (77-ENAs-34) (A) **N 98**
Water-Gas Engine
The Water-Gas Engine (BTR) **Ja 56**
Water Heaters
An Experimental and Analytical Investigation of a Solar Water Heater (76-WA/Sol-22) (A) **Mr 103**
Silicone Fluid Warms Water Heater (BTR) **Jl 59**
Water Heating
$3.4 Million Goes to 51 Hotels (ES) **D 19**
Water Induction
Recent Experience with Water Induction in Large Steam Turbines (76-JPGC-Pwr-10) (A) **Ja 110**
Water Injection
Large Seawater Supply Development for Water Injection (76-Pet-85) (A) **Ja 107**
Water Jet Nozzles
Effect of Nozzle Shape and Polymer Additives on Water Jet Appearance (77-FE-16) (A) **S 101**
Water Jets
Water Jet-Centrifugal Pump Combination for Large Steam Power Plant Condensate System (76-JPGC-Pwr-2) (A) **Ja 109**
Water-Monitoring Systems
Remote Water-Monitoring System (BTR) **Je 61**
Water Pollution Cleanup Program
EEI Denies "Filthy Accusations (NB) **D 73**
Water Pumps
Reducing Casing Vibrations on Large Vertical Circulating Water Pumps (77-FE-28) (A) **O 110**
Water Quality
Water Quality Information System (EN) **Jl 70**
Water Quality Monitor
Preliminary Design of a Preprototype Water Quality Monitor (77-ENAs-36) (A) **N 99**
Water Reactors
Fatigue Crack Growth of Stainless Steel Piping in a Pressurized Water Reactor Environment (77-PVP-34) (A) **D 103**
Fuel Performance in Babcock & Wilcox Pressurized Water Reactors (76-WA/NE-16) (A) **Ap 94**
Radiochemical Evaluation of Babcock and Wilcox's Commercial Pressurized Water Reactor Fuel Performance (76-WA/NE-19) (A) **Ap 95**
Water Recovery
Cooling Water Salinity and Brine Disposal Optimized with Electrodialysis Water Recovery/Brine Concentration System (76-WA/Pwr-3) (A) **F 133**
Water Shortages
From Citrus Fields to Cooling Systems (ES) **My 22**
Water-Side Corrosion
Interim Evaluation of Exposure Conditions for the Water-Side Corrosion Test of a Sodium Heated Steam Generator Evaporator Model Employing a Duplex Tube (76-JPGC-NE-5) (A) **Ja 112**
Water Sprays
Air Entrainment into Water Sprays and Spray Curtains (76-WA/FE-40) (A) **F 138**
Water Substances
Values for the Surface Tension of Water Substance (NR) **Ap 68**
Water Surfaces
Experimental Evaluation of Water Surface Heat Exchange (77-HT-41) (A) **O 104**
Water Treatment System
RO Water Treatment System (IF) **Ag 58**
Water-Trickle Solar Collectors
Analysis of Thermal Performance of "Solaris" Water-Trickle Solar Collector (76-WA/Sol-21) (A) **F 132**
Water Waves
Some Characteristics of High Waves in Closed Channels Approaching Kelvin-Helmholtz Instability (77-FE-15) (A) **O 110**
Waters, E. O. The Background of ASME Code Case XXXX; Simplified Method of Analyzing Part 3 Flanges (77-PVP-38) (A) **D 104**
Waterworks
A Story of Waterworks, Steam Engines, and a Jib Crane **Je 90**

Watkins, B. O. *(author)* Technology and Human Values: Collision and Solution (CB) **N 112**
Watson, G. B.- Functional Performance of a Two-Tube Helically-Coiled Once-Through Steam Generator (76-WA/HT-69) (A) **Je 115**
Watson, J. D. Tool-Life Distributions—Part 1: Single-Injury Tool-Life Model (76-WA/Prod-36) (A) **JI 100**
Wattenbarger, J. F. A Development Program in Diver Thermal Protection (77-ENAs-59) (A) **N 101**
Watts Bar Nuclear Units
Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) (A) **Ja 109**
Wave-Excited Oscillations
Wave Excited Oscillations of a Gravity Platform (76-Pet-33) (A) **Ja 102**
Wave Forces
Deterministic and Random Wave Forces on Gravity Type Offshore Platforms (76-WA/FE-24) (A) **F 136**
Wave Packets
Nonlinear Propagation of Wave-Packets on Fluid Interfaces (76-WA/APM-11) (A) **Je 110**
Wave Power
Wave Power (BTR) **Ag 50**
Wave Speeds
Plastic Wave Speeds in Isotropic Work-Hardening Materials (77-APM-13) (A) **S 96**
A Variable Wave Speed Technique for the Steady-State Analysis of Low-Clearance Gas Bearings (76-Lub-17) (A) **F 140**
Waves
Elastic Interface Waves Involving Separation (77-APM-26) (A) **S 97**
Wazyniak, J. A. Characteristics of an Anechoic Chamber for Fan Noise Testing (77-GT-74) (A) **Ag 102**
Weak Nonlinearities
Response of Three Oscillators Coupled by a Weak Nonlinearity (77-APM-5) (A) **S 94**
Weaponry
Implementers of Foreign Policy **Je 85**
Wear
Declamination Wear of Dispersion-Hardened Alloys (76-WA/Prod-29) (A) **JI 100**
Wear Protection
Wear Protection for Casing and Tool Joints (76-Pet-88) (A) **Ja 108**
Wear-Reducing Additives
Reduction of Heat Transfer to High Velocity Gun Barrels by Wear-Reducing Additives (77-HT-19) (A) **O 102**
Wear Scars
The Optimal Wearpath Principle (76-Lub-28) (A) **F 142**
Weather
Energy and the Weather—A Strong Link (BTR) **S 53**
Weather Data
Solar Powered Absorption Cycle Simulation Using Real and Stochastic Weather Data (76-WA/Sol-6) (A) **F 131**
Weather Fluctuations
World Weather Warning (BTR) **Ja 62**
Weather Functions
Generalized Weather Functions for Computer Analysis of a Solar-Assisted HVAC Systems (76-WA/Sol-20) (A) **Mr 103**
Weather Patterns
Wanton Weather Patterns (NB) **O 79**
Weaver, D. E. Development of a Data Base of the Future Regulation of Flue Gas Desulfurization Sludge Disposal (76-WA/APC-5) (A) **Ap 103**
Weaver, D. S. Flow-Induced Vibrations of a Hydraulic Valve and Their Elimination (77-FE-24) (A) **S 101**
Weaver, F. L. Thermal Performance and Reliability Requirements of 5000 Hp to 15,000 Hp High Speed Mechanical Drive Turbines (76-Pet-4) (A) **Ja 98**
Webbon, B. A Portable Personal Cooling System for Mine Rescue Operations (77-ENAs-53) (A) **N 100**
Weber, D. Steam and Closed Gas Turbine Cycle (77-GT-24) (A) **JI 94**
Weber, H. G. Turbocharged Diesel Engine Simulation to Predict Steady-State and Transient Performance (77-DGP-5) (A) **D 98**
Weber, O. *(recipient)* Prime Movers Committee Award **Ja CR-7**
Webster, J. J. Prediction of Creep Rupture of Pressure Vessels (77-PVP-54) (A) **D 105**
Wedge Indentation
On the Wedge Identation and its Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) (A) **JI 98**
Wehr, A. G. A MHD Simulation Test Facility for Investigating the Thermal Properties of a Slag/Seed Coated Radiant Boiler and Superheater for a 2000-MWt MHD Power Plant (77-HT-64) (A) **N 101**
Wehrfritz, T. J. Process Noise Control: A Critical Application that Worked (77-RC-12) (A) **Ag 109**
Weight/Mass Controversy
S.I.—The Weight/Mass Controversy **S 40**
Weingold, H. D. Vibratory Forcing Functions Produced by Nonuniform Cascades (77-GT-57) (A) **Ag 99**
Weinmann, K. J. On the Wedge Identation and Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) (A) **JI 98**
Weinstein, A. S. Design Engineering and the Law **O 44**
Weinstock, H. Influence of Axle Load, Track Gauge, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) (A) **Mr 94**
Welch, D. L. Fast Burst Reactor Burst Rod Adaptor Failure Analysis (76-WA/Mat-7) (A) **Mr 99**
Weismantel, S. E. Influence of Cone Design Upon Liquid Engrainment Separation for a Steam Cyclone Separator (76-WA/Pwr-6) (A) **F 133**
Weiss, V. X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) (A) **Mr 99**
Welch, D. W. Design and Manufacture of Graphite Epoxy Payload Bay Doors for the Shuttle Orbiter (76-WA/Aero-12) (A) **My 97**
Welch, R. E. *(recipient)* Rail Transportation Award **Ja CR-7**
Welded Blower Fan Assembly
Failure of a Welded Blower Fan Assembly (76-WA/Mat-2) (A) **Mr 98**
Welding
The Frictional Mechanism on the Surface of Metal Being Plastically Deformed by Drawing (76-WA/Prod-22) (A) **JI 98**
Narrow-Gap Welding Process (BTR) **O 62**
Welding by Laser (BTR) **Mr 61**
Welding Tees
Experimental Stress Analysis of 24-in. x 12-in. Welding Tee and Comparison with Finite Element Methods (77-PVP-51) (A) **D 105**
Weldments
Fatigue Behavior of Aluminum Alloy Weldments (NB) **Ag 67**
Handling the Awkward Weldment (BTR) **Ag 52**
Welds
Effects of Construction Practices on the Ultrasonic Inspectability of Piping Welds (77-PVP-15) (A) **N 106**
Well Casings
Insulated Well Casings for the Arctic (76-Pet-87) (A) **Ja 108**
Well Holes
Well-Hole Temperature Distribution in the Presence of Aquifers (76-Pet-59) (A) **Ja 105**
Wellheads
Seals for Valve Stems and Wellheads in High Pressure-High Temperature Service (76-Pet-5) (A) **Ja 98**
Welliver, D. R. Performance and Sociability of Comprex Supercharged Diesel Engine (77-DGP-4) (A) **D 98**
Wells
The Chamber Pump and its Application to Hot Wells (76-Pet-91) (A) **Ja 108**
Wells, C. H. Uniaxial Creep Behavior of Metals Under Cyclic Temperature and Stress or Strain Variations (76-WA/APM-6) (A) **Je 109**
Wender, P. J. Seismic Qualification of Cable Tray Systems (77-PVP-6) (A) **N 106**
Weng, G. J. Derivation of Polycrystal Creep Properties from the Creep Data of Single Crystals (77-APM-8) (A) **S 95**
Wepfer, W. J. First Word on Second Law (C) **O 54**
Werner, H. Operational and Maintenance Experience of an Industrial Type 14-MW Gas Turbine (77-GT-78) (A) **Ag 102**
Werner, W. R. Registration (C) **D 51**
Wert, C. A. New Career Paths in Engineering—Materials: The Stuff of Which Things Are Made **Ag 38**
West, S. J. Preliminary Design of a Preprototype Water Quality Monitor (77-ENAs-36) (A) **N 99**
Westbrook, G. Cooling Water Salinity and Brine Disposal Optimized with Electrodialysis Water Recovery/Brine Concentration System (76-WA/Pwr-3) (A) **F 133**
Wet Combustion
"Wet Combustion" Process (EN) **JI 71**
Wet Scrubbing Systems
Lime/Limestone Air Quality Control Systems: Effect of Magnesium on System Performance (76-WA/APC-10) (A) **Ap 103**
Weyer, H. B. Experimental Study of the Flow Field Within a Transonic Axial Compressor Rotor by Laser Velocimetry and Comparison With Through-Flow Calculations (77-GT-28) (A) **JI 95**
Whaley, H. Plume Dispersion from a Lignite-Fired Power Station in Flat, Rural Terrain (76-WA/APC-7) (A) **Ap 104**
Wheel Loads
Estimating Effect of Heavy Wheel Loads on Rail Life Roller Bearing Analogy (77-RT-9) (A) **Ag 107**
Wheel-Profile Variations
Influence of Axle Load, Track Gauge, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) (A) **Mr 94**
Wheel/Rail Contact Geometry
Influence of Nonlinear Wheel/Rail Contact Geometry on Stability of Rail Vehicles (76-WA/RT-2) (A) **Mr 94**
Wheel/Rail Forces
Wheel/Rail Vertical Forces in High-Speed Railway Operation (77-RT-1) (A) **Ag 106**
Wheel Speed
On the Doubly Regenerative Stability of a Grinder: the Combined Effect of Wheel and Workpiece Speed (76-WA/Prod-19) (A) **JI 98**
Wheeler, L. T. Saint-Venant's Principle and the Torsion of Thin Shells of Revolution (76-WA/APM-15) (A) **JI 103**
Wheeler, T. A. *(recipient)* Sylvia W. Farny Scholarship **N 91**
Wheels
A Comparison of the Stress Levels in One- and Two-Wear 36-In.-Diameter Wheels Under Simulated Service Loads (77-RT-13) (A) **Ag 107**
Whirl Stability
Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) (A) **S 96**
Whitacre, G. R. The Simulation of Thermal Behavior of Permafrost Soil (76-WA/HT-57) (A) **Je 113**
White, A. A. III Mechanical Properties of Fractures as Function of Healing Time (77-Bio-2) (A) **S 98**
White, B. F. Computer-Based Rational Design of Strain-Gage Load Cells (77-DE-40) (A) **S 92**
White, D. E. Modelling the Steady-State Characteristics of a Single-Stage Pneumatic Pressure Regulator (76-WA/Flcs-6) (A) **Ap 101**
White, D. J. Evaluation of a Premixed, Prevaporized Gas Turbine Combustor for No. 2 Distillate (77-GT-69) (A) **Ag 101**
White, J. W. A Variable Wave Speed Technique for the Steady-State Analysis of Low-Clearance Gas Bearings (76-Lub-17) (A) **F 140**
White, R. D. Study of Heat Transfer and Melting Front from a Cylinder Imbedded in a Phase Change Material (77-HT-42) (A) **O 104**
Wichert, K. Of Nuts, Bolts, and Ingenuity (C) **JI 48**
Wicks
Boiling Limited Heat Pipes in a Mid-Temperature Range (150 to 300°C) (77-HT-39) (A) **O 104**
Width Growth Models
The Interrelationship Between Eddy Viscosity, Mixing Length, Entrainment and Width Growth Models in Turbulent Flows (77-FE-20) (A) **O 110**
Wiederhorn, S. M. Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) (A) **Mr 99**
Wiegers, B. *(recipient)* Sylvia W. Farny Scholarship **Ja 92**
Wilby, J. F. Noise Reduction Potential for the Existing Business Jet Fleet (77-GT-76) (A) **Ag 102**
Wilcock, D. F. Design of Efficient Turbulent Thrust Bearings (76-Lub-29) (A) **F 143**; How to Save 5% of Our Energy **S 32**; Vibrational Characteristics of Ball Bearings (76-Lub-8) (A) **F 140**
Wilcox, P. L. An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers with Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) (A) **F 134**
Wilkowski, G. M. Use of a Brittle Notch DWTT Specimen to Predict Fracture Characteristics of Line Pipe Steels (77-Pet-21) (A) **D 106**
Williams, A. K. Refocusing on "Reprocessing" (C) **Mr 53**
Williams, B. A Portable Personal Cooling System for Mine Rescue Operations (77-ENAs-53) (A) **N 100**
Williams, J. L. Space Shuttle Orbiter Radiator System

(77-ENAs-33) (A) **N 98**

Williams, J. R. Design and Simulation Studies for the Shenandoah Community Center Large-Scale Solar Cooling Demonstration (76-WA/Sol-15) (A) **Mr 103**

Williams, R. M. Design Properties of Silicon Nitride for High Temperature Gas Turbine Application (77-GT-55) (A) **Ag 99**

Williamson, K. D., Jr. Development of Large Fiberglass Reinforced Plastic Dewars for Superconducting Magnets at 4 K (76-WA/PID-11) (A) **Je 107**

Willis, T. A Mathematical Simulation of the Curve Entry and Curve Negotiation Dynamics of Flexible Two Axle Railway Trucks (76-WA/RT-14) (A) **Mr 96**; Optical Measurement of Oil Film Thickness Between Rollers (76-Lub-10) (A) **F 141**

Willis, W. S. Quiet, Clean, Short-Haul Experimental Engines (QCSEE)—A Technology Development Program (77-GT-109) (A) **Ag 106**

Willmert, K. D. Vibrational Analysis of Mechanics Using Constant Length Finite Elements (76-WA/DE-21) (A) **Ap 99**

Wilson, A. D. Fatigue Crack Propagation in A533B Steels (76-WA/PVP-6) (A) **Mr 100**

Wilson, D. G. A Method for Correlating the Characteristics of Centrifugal Pumps in Two-Phase Flow (76-WA/FE-29) (A) **F 137**

Wilson, E. A. Packaging a Computer by Site—A New Efficient Approach (77-DE-19) (A) **S 90**

Wilson, W. B. Turbine Systems to Reduce Petroleum Refining and Petrochemical Plant Energy Costs (76-Pet-62) (A) **Ja 105**

Wilson, W. L. *(recipient)* Sylvia W. Farny Scholarship **N 91**

Wilson, W. R. D. The Transport and Breakdown of Solid Lubricants in a Simple Forging Operation (76-Lub-16) (A) **F 141**; Workpiece Surface Roughening in a Hydrodynamically Lubricated Metal Forming Process (76-Lub-15) (A) **F 141**

Wind-Driven Circulation

A Three-Dimensional Numerical Model for Closed Basins (76-WA/HT-21) (A) **My 100**

Wind Energy

Tornado-Type Wind Energy System: Basic Consideration (76-WA/Ener-2) (A) **Ap 104**

Wind Energy Conversion

ERDA's Conference on Wind Energy Conversion Systems (NR) **Jl 69**

Wind Power

Wind Power: Pipe Dream or Reality? **S 20**

Wind-Powered Plants

'30s Wind-Powered Plant Re-evaluated (BTR) **Ja 56**

Wind Tunnel Contractions

Design of Two-Dimensional Wind Tunnel Contractions (76-WA/FE-4) (A) **F 134**

Wind-Tunnel Walls

Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) (A) **F 135**

Wind Tunnels

External Convection Heat Transfer Coefficients on a Building Model (76-WA/FE-30) (A) **F 137**

Roughness Element Geometry Required for Wind Tunnel Simulations of the Atmosphere Wind (76-WA/FE-18) (A) **F 135**

Wind Turbines

Seven-Story-High "Eggbeater" Delivers 65 kW (BTR) **Ag 45**

Windmills

Little Windmills (ES) **Ag 19**

TV Stops Windmill (ES) **Ag 19**

Winer, W. O. Effects of Load, Speed and Surface Roughness on Sliding EHD Contact Temperatures (76-Lub-23) (A) **F 141**

Wingtip Vortexes

Wingtip Smoke Generator (BTR) **Mr 57**

Winkelman, F. W. Recent Practices in Handling the Products of Combustion from Venezuelan Residual Fuel Oil (76-JPGC-Pwr-9) (A) **Ja 110**

Winkler, H. E. Development of an Advanced Combined Iodine Dispenser/Detector (77-ENAs-30) (A) **N 97**

Winn, L. W. Vibrational Characteristics of Ball Bearings (76-Lub-8) (A) **F 140**

Winnick, J. Comparison of Electrochemical Carbon Dioxide Concentration Methods Using Different Electrolytes (77-ENAs-3) (A) **O 108**

Winston, R. Development of Compound Parabolic Concentrators for Solar Thermal Applications (76-WA/Sol-11) (A) **F 132**

Winterbone, D. E. A Real-Time Analogue Computer Simulation of a Turbocharged Diesel Engine (76-WA/DGP-1) (A) **Ap 100**

Winters, A. R. Test Performance of a Cryogenic Distillation System for BWR Gaseous Radwaste Treatment (76-WA/PID-13) (A) **Je 108**

Wire Cables

Axial Impact of Twisted Wire Cables (77-APM-2) (A) **S 94**

Wire Design

Design with Wire (EN) **Ag 68**

Wire Production

Cut-Forming: A New Method of Producing Wire (76-WA/Prod-12) (A) **Jl 97**

Wire Screens

Heterogeneous Catalysis of Lean Ethylene/Air Mixtures by Platinum Coated Wire Screens (76-WA/GT-2) (A) **Mr 96**

Wire Wound Cylinders

Optimum Design of Ribbon and Wire Wound Cylinders for Metal Forming Dies (76-WA/Prod-28) (A) **Jl 99**

Wire Wrap Spacers

Experimental Determination of Interior Subchannel Cross Flow and Axial Flow in a Model of the Clinch River Breeder Reactor Fuel Assembly Rod Bundle with Wire Wrap Spacers (76-WA/HT-83) (A) **Je 116**

Wirth, L., Jr. Cooling Water Salinity and Brine Disposal Optimized with Electrodialysis Water Recovery/Brine Concentration System (76-WA/Pwr-3) (A) **F 133**

Wirth, L. F., Jr. Elections to Fellow Grade **Mr 93**

Wnek, K. Delay Effects in a Pressure Vessel Material 5083-0 Aluminum (76-WA/PVP-1) (A) **Mr 100**

Wolak, J. Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) (A) **Mr 99**

Wolbers, H. L. A Space Station for the 1980's—A Look at the Next Generation of Operational Systems and Their Functional Requirements (77-ENAs-37) (A) **N 98**

Wolf, D. A. Heat Pipes in Flat Plate Solar Collectors (76-WA/Sol-12) (A) **Mr 102**

Wolf, S. Oscillatory Dryout Related Thermal Stresses in Clean Steam Generator Tubes (76-JPGC-NE-2) (A) **Ja 112**

Wolosewicz. R. M. Design Engineering and the Law **O 44**

Women Engineers

Minorities and Women in Engineering: How Can We Help? (Ed) **Ja 17**

The Shaping of American Engineers' Consciousness of Women's Issues (76-WA/TS-6) (A) **My 88**

Wong, H. W. Stress Analysis of the Geometric Knee Under Static Loading (77-Bio-6) (A) **S 99**

Wood, B. D. Solar Heating and Cooling and Energy Conservation Potentials for Commercial Buildings (76-WA/Sol-17) (A) **F 132**

Wood, P. C. The Preparation of Calcium Superoxide at Subambient Temperatures and Pressures (77-ENAs-55) (A) **N 100**

Wood Machining

A Review of Various Aspects of Design of Circular Saw for Efficient Energy Use (77-DE-47) (A) **S 94**

Wood Reforming

Reforming of Glucose and Wood at the Critical Conditions of Water (77-ENAs-2) (A) **O 108**

Woodale, D. M. OTEC Impact (C) **S 47**

Woodhead, R. W. *(author)* Design of Construction and Process Operations (CB) **Ja 115**

Woodman, B. W. Critical Heat Flux in PWR Fuel Assemblies (77-HT-92) (A) **N 105**

Woodman, W. C. Elections to Fellow Grade **O 99**

Woods, M. D. Outlet Plenum Flow Stratification Studies for the Clinch River Breeder Reactor Plant (76-WA/HT-84) (A) **Je 117**

Woods, R. L. A Model for the Fluidic Port Characteristics of Ejectors (76-WA/Flcs-8) (A) **Ap 102**

Woods, R. R. Development of a Three-Man Preprototype Independent Air Revitalization Subsystem (IARS) (77-ENAs-31) (A) **N 97**

Woodyard, J. P. Development of a Data Base of the Future Regulation of Flue Gas Desulfurization Sludge Disposal (76-WA/APC-5) (A) **Ap 103**

Wooley, G. R. Nonlinear Finite Element Analysis of Buttress Threaded Casing Connections (76-Pet-82) (A) **Ja 108**

Work Control

Computer Support for Job-Shop Work Control (76-WA/Mgt-7) (A) **Je 105**

Work-Hardened Materials

Plastic Wave Speeds in Isotropic Work-Hardening Materials (77-APM-13) (A) **S 96**

Work Sampling

Cost Improvement, Work Sampling, and Short Interval Scheduling (CB) **Je 118**

Workpiece Geometry

Theoretical and Experimental Study of Workpiece Geometry in Electrochemical Machining (76-WA/Prod-6) (A) **Jl 96**

Workpiece Speed

On the Doubly Regenerative Stability of a Grinder: the Combined Effect of Wheel and Workpiece Speed (76-WA/Prod-19) (A) **Jl 98**

Workpieces

Workpiece Surface Roughening in a Hydrodynamically Lubricated Metal Forming Process (76-Lub-15) (A) **F 141**

World Environment

You Can't Eat Moon Rocks (76-WA/Aero-7) (A) **My 96**

World Peace

Implementers of Foreign Policy **Je 85**

World Population Growth

Our Four Interdependent Crises: Energy, Environment, Populations, & Food (CB) **Mr 107**

World Trade

A Marketplace for World Trade (NB) **My 65**

Worldwide Energy Problems

Tokyo Gas Turbine and CIMAC Congresses Forces on Worldwide Energy Problems (NR) **S 58**

Worm, P. Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) (A) **Mr 99**

Wormley, D. N. Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) (A) **My 92**; An Efficient Simulation Method for Distributed Lumped Fluid Networks (76-WA/Flcs-1) (A) **Ap 101**

Worn Casing

Collapse of Worn Casing (76-Pet-51) (A) **Ja 104**

Worthington Pump

The "Donut" Pump Comes To America! (BTR) **O 64**

Woven Fabrics

Fly-Shuttle Loom Noise **Ap 40**

Wrenn, K. F., Jr. Experience with Gas/Steam Combined Cycle Turbines on a Natural Gas Pipeline (77-GT-8) (A) **Jl 92**

Wright Brothers' Collection

The Wright Brothers' Collection: A Guide to the Technical, Business and Legal, Genealogical, Photographic, and Other Archives at Wright State University (CB) **S 103**

Writing Competition

Writing Competition (EN) **Mr 78**

Wu, C. G. Nonlinear Buckling of Tubular Columns (77-PVP-55) (A) **D 105**

Wu, E. R. Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (76-Lub-32) (A) **F 143**

Wu, S. M. Dynamic Data System: A New Modeling Approach (76-WA/Prod-24) (A) **Jl 99**; Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-WA/Prod-9) (A) **Jl 97**

Wu, S. W. Investigation of Spiking in Electron Beam Welding Using Stationary Stochastic Models (76-WA/Prod-10) (A) **Jl 97**

Wu, W. Probabilistic Aspects of Designing with Ceramics (77-GT-41) (A) **Ag 97**

Wuest, L. J. Some Characteristics of Fires Within Uniform Fuel Matrices (77-HT-71) (A) **N 102**

Wullaert, R. A. A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) (A) **Mr 100**

Wyckoff, H. L. To Breed or Not To Breed? **F 32**

Wynveen, R. A. Development of an In Situ Calibration Technique for Combustible Gas Detectors (77-ENAs-22) (A) **N 97**; Development of a Three-Man Preprototype CO_2 Collection Subsystem for Spacecraft Application (77-ENAs-19) (A) **N 96**

X

Xerox Education Center

Dumper-Incinerator-Boiler System (BTR) **Ag 54**

X-Ray Data

Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in

Hydraulic Oils (76-Lub-22) (A) **F 142**

X-Ray Diffraction

X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) (A) **Mr 99**

Y

Yahr, G. T. Development of Simplified Analysis Methods for Ratchetting and Creep-Fatigue—A Status Report (76-WA/PVP-19) (A) **Mr 102**

Yamada, T. Experimental Study of LNG Underground Tank (76-WA/PID-5) (A) **Je 106**

Yamamoto, M. A. Full-Power Parking/Emergency Brakes and Fail-Safe on Four-Wheel Disc Brake Systems (76-WA/Saf-3) (A) **Ap 95**

Yamamoto, M. A. Straight-Air Disk Brake Systems for Heavy Vehicles (77-DE-23) (A) **S 91**

Yamazaki, S. Development of the Centrifugal Compressor for the Nissan Vehicular Gas Turbine (77-GT-100) (A) **Ag 105**

Yang, T. Y. Some Results on Dynamic Characteristics of Major Components of 1200-MW Fossil Fuel Steam Generating Plant (76-JPGC-Pwr-11) (A) **Ja 110**

Yao, S.-C. Hydrodynamic Instability Induced Liquid-Solid Contacts in Film Boiling (76-WA/HT-25) (A) **My 100**

Yarborough, F. B. Graphite/Epoxy Structures-Design and the Manufacturing Interface (77-DE-15) (A) **S 90**

Yashima, S. Torsional Flutter in Stalled Cascade (77-GT-72) (A) **Ag 101**

Yawed Cylinders

Vortex Excited Oscillations of Yawed Circular Cylinders (76-WA/FE-16) (A) **F 135**

Yazaki, Y. Influence of Inner Surface Defects on the Fatigue Strength of Pipe Subjected to Cyclic Internal Pressure (77-PVP-41) (A) **D 104**

Yeh, H. Unsteady Aerodynamic Forces on Vibrating Transonic Turbine Cascades (76-WA/GT-8) (A) **Mr 97**

Yeh, L. T. Transient Heat Conduction in a Finite Medium with Phase Change (76-WA/HT-3) (A) **My 97**

Yeh, S. L. Longitudinal Conduction in a Three-Fluid Heat Exchanger (76-WA/HT-9) (A) **My 98**

Yeh, Y. C. The Effect of Artificial Surface Projections on Film-Boiling Heat Transfer (77-HT-81) (A) **N 104**

Yellott, J. I. Remembering Colonel Davies (C) **Ap 52**

Yellowley, I. Tool Wear in the Peripheral Milling of a Low Carbon Steel (76-WA/Prod-35) (A) **Jl 100**

Yen, C. H. Theoretical and Experimental Study of Workpiece Geometry in Electrochemical Machining (76-WA/Prod-6) (A) **Jl 97**

Yen, J. T. Tornado-Type Wind Energy System: Basic Consideration (76-WA/Ener-2) (A) **Ap 104**

Yen, N. Response of Three Oscillators Coupled by a Weak Nonlinearity (77-APM-5) (A) **S 94**

Yeung, K. S. *(recipient)* Rail Transportation Award **Ja CR-7**

Yield

Prediction of Yield in Ductile Materials Operating at Creep Temperatures (76-WA/GT-11) (A) **Mr 98**

Yosifon, S. Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) (A) **Jl 98**

Young, J. P. Particle Erosion Measurements on Metals (76-WA/Mat-1) (A) **Mr 98**

Youngdahl, C. K. Tokamak Experimental Power Reactor (76-WA/NE-11) (A) **Ap 93**

Younger, F. C. Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) (A) **S 96**

Younghouse, E. C. A New Generation Lubricant for Extended Drain Diesel Service (77-DGP-16) (A) **D 100**

Yu, C. L. Derivation of Polycrystal Creep Properties from the Creep Data of Single Crystals (77-APM-8) (A) **S 95**

Yu, C. P. Air Mixing in a Model Lung Alveolus (77-Bio-4) (A) **S 98**

Yu, J. S. An Approximate Analysis of Laminar Dispersion in Circular Tubes (76-WA/APM-10) (A) **Je 110**

Yu, W. S. Thermal-Hydraulic Analysis of Low-Activity Fusion Blanket Designs (77-HT-85) (A) **N 104**

Yuan Hsiao, C. T. Prerupture Behavior of Biosystems Under Stress (77-Bio-3) (A) **S 98**

Yuan, S. W. Heat Transfer in Solar Energy Storage (77-HT-38) (A) **O 104**

Z

Zabolotny, E. R. Evaluation of the Practical Aspects of the Use of Coal Derived Synthetic Fuels — (76-WA/APC-6) (A) **Ap 103**

Zakin, J. L. Transport of Crude Oil as Oil-in-Water Emulsions (77-FE-26) (A) **O 110**

Zamonski, J. A. *(author)* The Wright Brothers Collection: A Guide to the Technical, Business and Legal, Genealogical, Photographic, and Other Archives at Wright State University (CB) **S 103**

Zandi, I. Freight Pipeline Technology-Energy Requirement Calculations (76-Pet-78) (A) **Ja 107**

Zarling, J. P. Application of Schwarz-Neumann Technique to Fully Developed Laminar Heat Transfer in Noncircular Ducts (76-WA/HT-49) (A) **Je 112**

Zehnder, G. Exhaust-Gas Turbochargers and Systems for High-Pressure Charging (77-DGP-12) (A) **D 99**

Zehner, P. Measurements of the Performance of an Air Turbine Stage at Positive and Negative Mass Flow and Rotational Speed (Four Quadrant Characteristics) (77-GT-14) (A) **Jl 94**

Zeltmann, E. W. The Need for Cost/Benefit Analysis When Developing Environmental Standards (77-GT-89) (A) **Ag 104**

Zener, C. The OTEC Answer to OPEC Solar Sea Power! **Je 26**

Zien, H. M. Verification of Specimens for Low Cycle Fatigue and Cyclic Plasticity Testing (77-PVP-35) (A) **D 103**

Zuber, N. Post-CHF Heat Transfer: A Non-Equilibrium, Relaxation Model (77-HT-79) (A) **N 104**

Zudans, Z. Consistent Mass Matrix for Thick Beams (76-WA/PVP-13) (A) **Mr 101**; POP-FSH—A Post-processor for ASME Code Case 1592 Limits (76-WA/PVP-17) (A) **Mr 102**

Zuladzinski, G. Effect of Centrifugal Forces on Lateral Deflection and Fundamental Frequency of Turbine Blade (77-Pet-12) (A) **D 106**

Index to
TRANSACTIONS OF THE ASME

Volume 99, 1977
(Published Quarterly in Ten Journals)

Code	Journal of	Series	Published	Pages
AM	Applied Mechanics	E	March	1-192
			June	193-368
			September	369-520
			December	521-804
BE	Biomechanical Engineering	K	February	1- 56
			May	57-124
			August	125-172
			November	173-224
DS	Dynamic Systems, Measurement, and Control	G	March	1- 72
			June	73-156
			September	157-220
			December	221-324
F	Fluids Engineering	I	March	1-268
			June	269-440
			September	441-612
			December	613-792
HT	Heat Transfer	C	February	1-160
			May	161-352
			August	353-504
			November	505-696
I	Engineering for Industry	B	February	1-288
			May	289-512
			August	513-808
			November	809-928
L	Lubrication Technology	F	January	1-144
			April	145-312
			July	313-380
			October	381-492
MT	Materials Technology	H	January	1- 96
			April	97-192
			July	193-288
			October	289-400
P	Engineering for Power	A	January	1-144
			April	145-304
			July	305-496
			October	497-692
PVT	Pressure Vessel Technology	J	February	1-236
			May	237-384
			August	385-508
			November	509-656

(AC) Author's Closure
(BN) Brief Note
(BR) Book Review
(C) Comment
(D) Discussion
(EB) Educational Brief
(Ed) Editorial
(Er) Erratum
(F) Forum
(TB) Technical Brief

A

Abdel-Gayed, R. G. Derivation of Turbulent Transport Coefficients From Turbulent Parameters in Isotropic Turbulence **F 732**

Abele, G. Arctic Transportation: Operational and Environmental Evaluation of an Air Cushion Vehicle in Northern Alaska (76-Pet-41) **PVT 176**

Abou-Sayed, A. S. Analysis of Combined Pressure-Shear Waves in an Elastic/Viscoplastic Material **AM 79**; Pressure-Shear Waves in 6061-T6 Aluminum Due to Oblique-Plate-Impact **AM 85**

Above Knee Prostheses
Feasibility of an Active Control Scheme for Above Knee Prostheses (77-WA/Bio-8) **BE 215**

Abradable Seal Materials
Friction and Wear of Sintered Fibermetal Abradable Seal Materials **L 421**

Abrahamson, G. R. Critical Velocity for Collapse of Viscoplastic Cylindrical Shells Without Buckling **AM 89**

Abrasive Disks
Properties of Reinforced Abrasive Disks in Flexure (76-WA/Prod-41) **I 318**

Abrasive Jets
Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) **MT 147**

Abrasives
Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-WA/Prod-9) **I 218**
Wear of Abrasives in Simulated Hot Grinding **L 415**

Abrupt Enlargements
Generalized Flow Across an Abrupt Enlargement (D) (AC) **P 492**

Abrupt Expansions
Velocity Distribution in an Abruptly Expanding Circular Duct **F 226**; (D) (AC) **F 606**

Absorbers
Design of a Viscoelastic Dynamic Absorber for Machine Tool Applications (76-WA/Prod-20) **I 620**

Absorbing-Emitting Gases
Combined Radiation—Convection for a Real Gas (76-HT-58) **HT 60**

Absorbing-Emitting Liquids
Radiation-Convection Interaction in an Absorbing-Emitting Liquid in Natural Convection Boundary Layer Flow (TN) **HT 125**

Absorbing Media
Influence of Substrate Properties on the Apparent Emittance of an Isothermal Isotropically Scattering Medium **HT 208**

Absorption Coefficients
The Use of the Milne-Eddington Absorption Coefficient for Radiative Heat Transfer in Combustion Systems **HT 458**

Acceleration Waves
Selected Topics in Wave Propagation (BR) **AM 518**

Achenbach, J. D. Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) **AM 243**

Acoustic Interferometers
Response of Three Oscillators Coupled by a Weak Nonlinearity (77-APM-5) **AM 141**

Acoustic Liner Attenuation
On the "In-Situ" Control of Acoustic Liner Attenuation (76-GT-61) **P 63**

Acoustic Measurements
Fan Inlet Disturbances and Their Effect on Static Acoustic Data (77-GT-63) **P 608**

Acoustic Media
The Transient Motion of a Cylindrical Shell of Arbitrary Cross Section in an Acoustic Medium (77-APM-33) **AM 482**

Acoustic Oscillations
Increased Turbulent Jet Mixing Rates Obtained by Self-Excited Acoustic Oscillations (77-FE-18) **F 520**; (D) **F 788**; (AC) **F 789**

Acoustic Phenomena
A Preliminary Study of Flow and Acoustic Phenomena in Tube Banks (77-FE-7) **F 681**

Acoustic Test Programs
Land Gas Turbine Exhaust Noise (77-GT-12) **P 526**

Acoustodynamics
Acoustodynamics of the Longitudinal Collinear Impact of Finite Elastic Cylinders (76-WA/DE-19) **I 144**

Acrylic Plastic Hulls
Development of Economical Casting Process for NEMO-Type Acrylic Submersible Hulls (76-WA/OcE-7) **I 493**
Spherical Acrylic Plastic Hulls Under External Explosive Loading (76-WA/OcE-4) **I 489**

Active Buoys
A Note on the Bending of Rods to a Specified Shape (76-WA/OcE-2) **I 456**

Active Controllers
Design of a Hardware Observer for Active Machine Tool Control **DS 227**

Active Control Scheme
Feasibility of an Active Control Scheme for Above Knee

Prostheses (77-WA/Bio-8) **BE 215**

Adachi, S. Study of Frost Properties Correlating With Frost Formation Types **HT 239**

Adams, D. F. Low Level Charpy Impact Response of Graphite/Epoxy Hybrid Composites **MT 257**

Adams, G. G. The Plane Symmetric Contact Problem for Dissimilar Elastic Semi-Infinite Strips of Different Widths (77-WA/APM-13) **AM 604**

Adams, J. C., Jr. Hypersonic Viscous Shock Layer Calculation of Leeward Vortex-Induced Heat Transfer on a Sharp Cone at a High Angle of Attack (76-HT-43) **HT 307**

Adams, N. J. I. Characterization of Fracture in Vessels and Piping (76-WA/PVP-2) **PVT 144**

Adams, T. P. Control of a Flexibly Mounted Stabilized Platform **DS 174**

Adaptive Controllers

Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) **I 766**

The Design of a Signal Synthesis Model Reference Adaptive Control System for Linear Unknown Plants **DS 123**

Adaptive Identification

Comparison of Continuous and Discrete Adaptive Identification Algorithms (TB) **DS 313**

Adaptive Observers

Generalization of Adaptive Observer and Method of Optimizing Its Convergence Properties **DS 15**

Adeli, H. Effect of Axial Force on Dynamic Fracture of a Beam or Plate in Pure Bending (77-WA/APM-22) **AM 647**

Adhesively Bonded Joints

Analysis of Adhesively Bonded Joints Between Panels of Composite Materials (77-APM-1) **AM 101**

Adhesive Wear

Adhesive Wear of Polymers **L 396**

Adiabatic Wall Effectiveness

Effect of Streamline Curvature on Film Cooling (76-GT-90) **P 77**

Adiabatic Wall Temperature Distributions

Experimental and Predicted Recovery Temperature Distributions in a Rocket Nozzle With Gaseous Film Cooling **HT 386**

Admissible Solutions

Admissible Singular Solutions and the Hypercircle Method in Shallow Shell Theory (76-APM-UU) **AM 117**

Advani, S. H. The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (77-Pet-55) **PVT 192**; Stress Response Investigations Related to In-Situ Gasification of Coal (77-Pet-25) **PVT 627**

Aeration

Optimal Control of a Partially Time Lagged River Aeration System Subject to Random Disturbances **DS 193**

Aerodynamic Blading

A Regenerative Compressor (76-WA/PID-22) **I 637**

Aerodynamic Configurations

Hypersonic Viscous Shock Layer Calculation of Leeward Vortex-Induced Heat Transfer on a Sharp Cone at a High Angle of Attack (76-HT-43) **HT 307**

Aerodynamic Phase Lag

An Experimental Determination of the Unsteady Aerodynamics in a Controlled Oscillating Cascade (76-GT-17) **P 88**

Aerodynamics

Aerodynamic Characteristics of a Rectangular Wing With a Tip Clearance in a Channel **AM 541**

Further Developments in the Aerodynamic Analysis of Unsteady Supersonic Cascades—Part 1: The Unsteady Pressure Field (77-GT-44) **P 509**; Part 2: Aerodynamic Response Predictions (77-GT-45) **P 517**

Aeroelastic Instability

Self-Excited Aeroelastic Instability of a Bridge Deck (76-WA/FE-25) **F 452**

Aeroelasticity

REVIEW—A Review of the Fluid Mechanics of Aeroelasticity in Turbomachines **F 40**

Aerosols

Applications of a Scattering Spectrometer System for Marine Aerosol Measurement (77-GT-32) **P 533**

Laser Beam-Hygroscopic Aerosol Interactions (75-WA/HT-42) **HT 281**

Aerosol Separators

Real-Time Test Techniques for Sea-Salt Aerosol-Separator Evaluation (77-GT-29) **P 580**

Aerothermodynamics

Aerothermodynamic Performance of a Variable Nozzle Power Turbine Stage for an Automotive Gas Turbine (77-GT-95) **P 587**

Agarwal, A. K. Linear Stability of Flow in a Concentric Annulus (BN) **AM 338**

Agarwal, G. C. Compliance of the Human Ankle Joint (77-WA/Bio-2) **BE 166**

Aggarwal, J. K. *(author)* Notes on Nonlinear Systems (BR) **DS 70**

Aging

The Effect of Plastic Strain Followed by Aging on the Elastic Limit of Quenched and Tempered and Austempered 4340 Steel (TB) **MT 393**

Agrawal, B. L. Measurements of Torsional Dynamic Characteristics of the San Juan No. 2 Turbine-Generator (D) (AC) **P 383**

Agrawal, D. D. Computer Program for Constant Pressure or Constant Volume Combustion Calculations in Hydrocarbon-Air Systems (76-DGP-2) **P 246**; (D) **P 253**; (AC) **P 254**

Ahlbeck, D. R. An Investigation of Factors Contributing to Wide Gage on Tangent Railroad Track (75-WA/RT-1) **I 1**

Air

Erosive Effects of High Pressure and High Temperature Gases on Steel **MT 239**

Low Cycle Fatigue of Two Austenitic Alloys in Hydrogen Gas and Air at Elevated Temperatures (D) **MT 282**; (AC) **MT 283**

The Tensile Ductility of Austenitic Steels in Air and Hydrogen **MT 153**

Aircraft Engines

Fan Inlet Disturbances and Their Effect on Static Acoustic Data (77-GT-63) **P 608**

Aircraft Fuel Conservation

Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) **P 645**

Air Cushion Vehicles

Arctic Transportation: Operational and Environmental Evaluation of an Air Cushion Vehicle in Northern Alaska (76-Pet-41) **PVT 176**

Air Pollution

A Dynamic Simulation of the Impact of Regional Air Pollution (76-Mgt-A) **I 424**

Air-Breathing Engines

Autoignition Characteristics of Hydrocarbon Fuels at Elevated Temperatures and Pressures (76-GT-3) **P 83**

Aircraft Engines

Design of Nonlinear Squeeze-Film Dampers for Aircraft Engines (76-Lub-25) **L 57**

Airflow

The Natural Convection of Air Over a Heated Plate With Forward-Facing Step (76-HT-15) **HT 439**

Airfoils

The Response of Nonlifting Airfoils to Streamwise Gusts **F 213**

The Response of Turbomachine Blades to Low Frequency Inlet Distortions (76-GT-19) **P 195**

Air-Fuel Ratio

Optimization of Automotive Engine Fuel Economy and Emissions **DS 109**

Air/Water Mass Fractions

An Experimental Study of Choked Flow in Short Pipes With Low Air Water Mass Fractions (TB) **F 421**

Airway Sensor Probes

An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OCE-1) **BE 45**

Airy Functions

Dynamic Response of Elastic Rods Under Parametric Excitations (76-DE-G) **I 41**

Airy Stress Functions

Thermal Stresses Induced into Two Plane Strain Sectors Having Different Material Properties (76-PVP-36) **PVT 26**

Al-Astrabadi, F. R. Thermal Contact Conductance Correlation for Stacks of Thin Layers in High Vacuums (TN) **HT 139**

Alekseev, N. M. On the Calculation of Seizure Considering the Plastic Flow of the Surficial Layers (Er) **L 142**

Algebraic Displacement Analysis

Displacement Analysis of Spatial Seven-Link 5R-2P Mechanisms (76-DET-39) **I 692**

Algebraic Loci

Mechanical Couplings—A General Geometrical Theory. Part 1: Theorems on Algebraic Loci and Couplings (76-DET-5) **I 77**; Part 2: Examples and Applications of the Theorems (76-DET-6) **I 82**

Algebraic Predictions

Deceleration Rate Parameter and Algebraic Prediction of Turbulent Boundary Layer (76-WA/FE-7) **F 390**; (D) (AC) **F 394**

Algorithms

Group Scheduling Technique for Multiproduct, Multistage Manufacturing Systems (76-WA/Prod-27) **I 759**

Alkidas, A. C. Erosion of Powder Metallurgy Aluminum Alloys by Hot Propellant Gases (76-Mat-L) **MT 36**; Erosive Effects of High Pressure and High Temperature Gases on Steel **MT 239**

Allaire, P. E. A Class of Maximum Load Capacity Sector Thrust Bearings (D) **L 184**; (AC) **L 186**; Design of Nonlinear Squeeze-Film Dampers for Aircraft Engines (76-Lub-25) **L 57**; Journal Bearing Impedance Descriptions for Rotordynamic Applications (D) (AC) **L 214**; Systems of Finite Elements for Finite Bearings (76-Lub-13) **L 187**; (D) **L 194–196**; (AC) **L 196**

Allen, J. M. Experimental Study of Error Sources in Skin-Friction Balance Measurements **F 197**

Allen, R. R. Mechanisms as Components of Dynamic Systems: A Bond Graph Approach (76-DET-21) **I 104**; (Er) **I 429**

Alloys

Creep Analysis of Metallic Structures in the Presence of Thermal Gradients Using Newer Constitutive Relations (76-PVP-30) **PVT 272**

Fatigue Design Criteria for Pressure Vessel Alloys (77-PVP-12) **PVT 584**

Alpay, S. A. Prediction of the Three-Dimensional Velocity Field of a Deflected Turbulent Jet **F 758**

Alston, T. M. Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) **P 399**; (D) **P 404**; (AC) **P 405**

Altitude Engine Tests

Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) **P 645**

Altmann, H. A Regenerative Compressor (76-WA/PID-22) **I 637**

Aluminum

Delay Effects in a Pressure Vessel Material—5083-O Aluminum (76-WA/PVP-1) **PVT 427**

Fatigue Damage Detection in 2024-T3 Aluminum, Titanium, and Low Carbon Steel by Optical Correlation **MT 319**

A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) **P 391**

Aluminum Alloys

Analysis of Combined Pressure-Shear Waves in an Elastic/Viscoplastic Material **AM 79**

Fracture Mechanics Parameters for a 5083-0 Aluminum Alloy at Low Temperatures **MT 306**

A J-Integral Approach to Crack Resistance for Aluminum, Steel, and Titanium Alloys **MT 97**; (D) **MT 395**; (AC) **MT 397**

Numerical Solution of Transient Heat Conduction Equation for Heat-Treatable Alloys Whose Thermal Properties Change With Time and Temperature **HT 471**

Pressure-Shear Waves in 6061-T6 Aluminum Due to Oblique-Plate-Impact **AM 85**

Temperature Dependences of the Elastic Constants of Precipitation-Hardened Aluminum Alloys 2014 and 2219 **MT 181**

The Transport and Breakdown of Solid Lubricants in a Simple Forging Operation (76-Lub-16) **L 230**; (D) **L 234**; (AC) **L 235**

Aluminum Cylinders

Dynamic Fracture of 6061-T6 Aluminum Cylinders (77-WA/APM-14) **AM 643**

Amazigo, J. C. Fully Plastic Asymmetric Edge Crack Under Longitudinal Shear (77-APM-15) **AM 255**

American Society of Mechanical Engineers

1976 ASME-MPC Symposium on Creep-Fatigue Interaction (D) (AC) **MT 282–285**

ASME Nadai Award **MT 1**

ASME Review of Materials Processing Literature 1973-1975: Grinding **I 901**

Chairman's Report on the Panel Discussion on High-Temperature Design **PVT 654**

1977 Design Criteria of Boilers and Pressure Vessels **PVT 393**

An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) **P 343**

A History of the ASME Fuels Division **P 261**

Materials Division Best Paper Award **MT 1**

Mayo D. Hersey Award **L 145**
Prior Publication Policy—A Vital Issue (Ed) **F 614**
Special Publications—1976 Elevated Temperature Design Symposium **PVT 247**

Amputees
Feasibility of an Active Control Scheme for Above Knee Prostheses (77-WA/Bio-8) **BE 215**
Kinematic Analysis of Coupled Arm Prostheses **BE 110**

Analytical Calculations
Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) **AM 264**

Anand, D. K. Matrix Representation and Prediction of Three-Dimensional Cutting Forces **I 828**

Anderson, C. E. Effect of Upstream Flow Processes on Hydrodynamic Development in a Duct **F 556**

Anderson, D. L. Tool Life Variation and Its Influence on the Development of Tool Life Models (76-WA/Prod-1) **I 578**

Andresen, J. A. Performance Characteristics of Freight-Car Trucks Determined Through Road Testing (76-WA/RT-4) **I 196**

Andrews, G. C. Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) **I 131**

Anechoic Test Chambers
Fan Inlet Disturbances and Their Effect on Static Acoustic Data (77-GT-63) **P 608**

Angled Elliptic Notch Problem
Experimental Investigation of the Angled Elliptic Notch Problem in Tension (77-WA/APM-6) **AM 455**

Angsirikul, T. Three-Dimensional Elasticity Solution and Edge Effects in a Spherical Dome (77-WA/APM-26) **AM 599**

Angular-Motion Compensators
Analytical Design of Cam-Type Angular-Motion Compensators (76-DET-22) **I 381**; (D) (AC) **I 386**

Angular Velocity
On the Transition of a Shaft Through Critical Speeds **DS 48**
Single-Axis Gyroscopic Motion With Uncertain Angular Velocity About Spin Axis **DS 259**

Anisotropic Materials
Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) **I 738**
Saint-Venant's Principle and End Effects in Anisotropic Elasticity (77-WA/APM-11) **AM 424**

Anisotropic Media
Antiplane Strain Problems of an Elliptic Inclusion in an Anisotropic Medium **AM 437**
Deviation Forces Arising from Single Bit Tooth Indentation of an Anisotropic Porous Media (76-Pet-52) **PVT 362**
Heat Conduction in an Anisotropic Medium Homogeneous in Cylindrical Regions—Steady State (TN) **HT 132**; Unsteady State **HT 41**

Anisotropic Random Surfaces
Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-WA/Prod-9) **I 218**

Anisotropic Rectangular Plates
Finite Deflections of Unsymmetric Angle-Ply Anisotropic Rectangular Plate Under Edge Moments (BN) **AM 171**

Anisotropic Solids
Heat Transfer in a Three-Dimensional Anisotropic Solid of Arbitrary Shape (TN) **HT 135**

Anisotropy
On the Influence of Hardening and Anisotropy on the Plane-Strain Compression of Thin Metal Strip **AM 271**
Stresses in Nonhomogeneous Cylindrically Anisotropic Elastic Cylinder (BN) **AM 774**

Annealed Brass
On Wedge Indentation and Its Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) **I 702**

Anno, J. N. *(author)* Modern Developments in Lubrication Mechanics (BR) **L 304**

Annular Cascades
Applicability of Axisymmetric Analysis in Predicting Supersonic Flow Through Annular Cascades (76-Pwr-B) **P 115**

Annular Plates
Elastic-Plastic Analysis of a Radially Stressed Annular Plate (BN) **AM 167**
Vibration and Stability of Spinning Annular Plates Reinforced With Edge Beams (BN) **AM 499**

Annulus
Turbulent Heat Transfer Studies in Annulus With Inner Cylinder Rotation (75-WA/HT-55) **HT 12**

Annulus Fibrosus
Finite Elastic Deformation for a Class of Soft Biological Tissues **BE 98**

Annulus Wall Boundary Layer
Treatment of the Annulus Wall Boundary Layer Using a Secondary Flow Hypothesis (76-GT-52) **P 29**

Anomaly Removal
Removal of an Anomaly in the Perturbation Analysis of a Flexible Plate Sealing an Incompressible Liquid (BN) **AM 498**

Antes, H. Admissible Singular Solutions and the Hypercircle Method in Shallow Shell Theory (76-APM-UU) **AM 117**

Anthracites
An Examination of the Influence of Ash on the Combustion Characteristics of Anthracites (76-WA/CD-2) **P 348**

Anthropometry
Bioengineering Considerations in the Design of Protective Headgear **BE 20**

Anticlastic Bending
The Effect of Stress Ratio on Fatigue Crack Growth in a Biaxial Stress Field (76-PVP-37) **PVT 137**

Antiplane Strain Problems
Antiplane Strain Problems of an Elliptic Inclusion in an Anisotropic Medium **AM 437**

Antisymmetric Loads
A Mixed Method in Elasticity (76-WA/APM-30) **AM 51**

Antonia, R. A. Properties of Wall Shear Stress Fluctuations in a Turbulent Duct Flow **AM 389**

Antonir, I. The Effect of Surface Suction on Condensation in the Presence of a Noncondensable Gas (TN) **HT 496**

Aoki, A. Study of Frost Properties Correlating With Frost Formation Types **HT 239**

Applebaum, R. S. An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) **P 343**

Antiplane Strain Problems
Antiplane Strain Problems of an Elliptic Inclusion in an Anisotropic Medium **AM 437**

Antisymmetric Loads
A Mixed Method in Elasticity (76-WA/APM-30) **AM 51**

Antonia, R. A. Properties of Wall Shear Stress Fluctuations in a Turbulent Duct Flow **AM 389**

Antonir, I. The Effect of Surface Suction on Condensation in the Presence of a Noncondensable Gas (TN) **HT 496**

Aoki, A. Study of Frost Properties Correlating With Frost Formation Types **HT 239**

Applebaum, R. S. An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) **P 343**

Applied Mechanics
Applied Mechanics: More Dynamics (BR) **DS 70**

Aquifer Properties
The Estimation of Aquifer Properties from Reservoir Performance in Water-Drive Fields (76-Pet-49) **PVT 345**

Arbitrarily Shaped Dies
Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) **I 754**

Arbitrary Cross Section
The Transient Motion of a Cylindrical Shell of Arbitrary Cross Section in an Acoustic Medium (77-APM-33) **AM 482**

Arbitrary Ducts
Steady and Unsteady Flow in Noncircular Straight Ducts **AM 1**

Arbitrary Geometry
Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) **F 531**; (D) **F 540, 541**; (AC) **F 541**; (D) **F 789**; (AC) **F 790**

Arbitrary Shapes
Heat Transfer in a Three-Dimensional Anisotropic Solid of Arbitrary Shape (TN) **HT 135**

Arch Buckling
On Optimal Arch Design (76-DE-D) **I 37**

Arched Bearings
Performance of 75-Millimeter Bore Arched Outer-Race Ball Bearings (76-Lub-18) **L 346**; (D) **L 352**; (AC) **L 353**

Archer, R. R. Orthogonality Relations for "End Problem" for Orthotropic Cylinders (BN) **AM 784**

Arches
Consistent Treatment of Extensional Deformations for the Bending of Arches, Curved Beams and Rings (76-PVP-11) **PVT 2**
Snap-Through Buckling of the Low Arch by the Trefftz Criterion (BN) **AM 169**

Arctic Ice Dynamics Joint Experiment (AIDJEX)
Simulation of Sea Ice Dynamics During AIDJEX **PVT 491**

Arctic Transportation
Arctic Transportation: Operational and Environmental Evaluation of an Air Cushion Vehicle in Northern Alaska (76-Pet-41) **PVT 176**

Arctic Wells
Loading Mechanisms in Thawed Permafrost Around Arctic Wells (77-Pet-22) **PVT 641**

Argon, A. S. *(editor)* Constitutive Equations in Plasticity (BR) **AM 801**

Armaly, B. F. Influence of Substrate Properties on the Apparent Emittance of an Isothermal Isotropically Scattering Medium **HT 208**

Arnold, J. N. Effect of Tilt and Horizontal Aspect Ratio on Natural Convection in a Rectangular Honeycomb (TN) **HT 120**

Array Geometry
Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) **P 365**

Arrays
The Elastic Energy of Interacting Edge Dislocations in an Infinite Array (77-WA/APM-20) **AM 595**
A Star-Shaped Array of Curvilinear Cracks in an Infinite Isotropic Elastic Medium **AM 619**

Arterial Stenoses
An Experimental Study of the Fluid Dynamics of Multiple Noncritical Stenoses **BE 74**

Arteriosclerosis
Experimental Investigations of Steady and Pulsatile Laminar Flow in a 90° Branch **AM 372**

Articular Cartilage
On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) **L 163**; (D) **L 172, 173**; (AC) **L 173**

Articulated Pipes
Flutter of Articulated Pipes at Finite Amplitude (77-APM-9) **AM 154**; (D) **AM 792**; (AC) **AM 793**

Articulated Risers
An Articulated Multiline Production Riser for Deepwater Application (76-Pet-44) **PVT 158**
Design, Fabrication, and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) **PVT 164**
A Method for Analysis of a Prototype Articulated Multiline Marine Production Riser System (76-Pet-46) **PVT 170**

Artificial Aeration
Optimal Control of a Partially Time Lagged River Aeration System Subject to Random Disturbances **DS 193**

Artificial Fluid Viscosity
A Variable Wave Speed Technique for the Steady-State Analysis of Low-Clearance Gas Bearings (76-Lub-17) **L 339**; (D) **L 344**; (AC) **L 345**

Artificial Heart System
In-Vitro and Predicted In-Vivo Performances of a Pneumatically Regulated Artificial Ventricle **BE 83**

Artificial Ventricles
Analysis of an Artificial Ventricle and Mock Circulatory System **BE 184**
Dynamic Model of a Sac-Type Pneumatically Driven Artificial Ventricle **BE 14**
A Model of a Sac-Type Artificial Ventricle in Mock Circulation **BE 33**

Ash
An Examination of the Influence of Ash on the Combustion Characteristics of Anthracites (76-WA/CD-2) **P 348**

Asimacopoulos, P. J. Kinetics of Thermal Injury in Cells **BE 155**

As-Received Aluminum Alloys
Numerical Solution of Transient Heat Conduction Equation for Heat-Treatable Alloys Whose Thermal Properties Change With Time and Temperature **HT 471**

Assa, A. Surface Integral Method Applied to the Problems of an Elastic Strip With Periodically Spaced Holes (D) **AM 362**; (AC) **AM 363**

Assembly Imbalance
Minimizing Assembly Imbalance in Turbomachine Rotors Made With Toothed Couplings: Locating Component Mass Centers (76-GT-51) **P 189**

Astill, K. N. Heat Conduction in a Stack of Parallelograms Separated by Thin Partition Walls (TN) **HT 127**

Asymmetric Branching
Asymmetric Branching of Cracks (77-WA/APM-16) **AM 611**
Asymmetric Edge Cracks
Fully Plastic Asymmetric Edge Crack Under Longitudinal Shear (77-APM-15) **AM 255**
Asymmetric Flow
Asymmetric Flow in Vaneless Diffusers of Centrifugal Blowers **F 104**; (D) **F 111, 112**; (AC) **F 113**
Asymmetric Loading
A Finite Plate Method to Solve Cylinder-to-Cylinder Structures Subjected to Internal Pressure (76-PVP-C) **PVT 404**
Asymptotic Analysis
Modified Tietjens Function for Asymptotic Analysis of Shear Flow Stability (TB) **F 256**
Asymptotic Approximations
On Asymptotic Approximations to a Class of Regular Perturbation Problems **L 369**
Asymptotic Pressure
A Simple Bound on the Asymptotic Pressure in a Spherical Cavity, Surrounded by an Infinite Elasto-Plastic Medium (BN) **AM 507**
Asymptotic Stability
Determination of Global Regions of Asymptotic Stability for Difference Dynamical Systems **AM 147**
Atheromatous Lesions
Numerical Study of the Steady Axisymmetric Flow Through a Disk-Type Prosthetic Heart Valve in a Constant Diameter Chamber **BE 91**
Atmospheric Aerosols
Laser Beam-Hygroscopic Aerosol Interactions (75-WA/HT-42) **HT 281**
Atmospheric Inversions
Entrainment Characteristics of Buoyant Axisymmetric Plumes in Atmospheric Inversions (TN) **HT 335**
Atmospheric Pressures
Incipient Boiling Characteristics at Atmospheric and Subatmospheric Pressures **HT 398**
Atmospheric Wind
Roughness Element Geometry Required for Wind Tunnel Simulations of the Atmospheric Wind (76-WA/FE-18) **F 480**
Atomization
The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays—Part I: The Drop-Size/Volume-Fraction Distribution (76-WA/GT-9) **P 309**; Part II: The Drop-Size/Number Distribution (76-WA/GT-10) **P 315**
Atrial Pressure Feedback
In-Vitro and Predicted In-Vivo Performances of a Pneumatically Regulated Artificial Ventricle **BE 83**
At-Sea Drilling Platforms
Real-Time Test Techniques for Sea-Salt Aerosol-Separator Evaluation (77-GT-29) **P 580**
Auslander, D. M. Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite Time Settling Controller/Observer (TB) **DS 209**
Austempered Steel
The Effect of Plastic Strain Followed by Aging on the Elastic Limit of Quenched and Tempered and Austempered 4340 Steel (TB) **MT 393**
Austenitic Alloys
Corrosion Performance of Austenitic Alloys in Automobile Exhaust Environments **MT 234**
Low Cycle Fatigue of Two Austenitic Alloys in Hydrogen Gas and Air at Elevated Temperatures (D) **MT 282**; (AC) **MT 283**
Microstructural Effects in the Low-Cycle Fatigue of Fe-Ni-Cr Austenite **MT 29**
Austenitic Stainless Steels
Assessment of Tensile and Creep Data for Types 304 and 316 Stainless Steel (76-PVP-31) **PVT 298**
The Tensile Ductility of Austenitic Steels in Air and Hydrogen **MT 153**
Austenitic Steels
High Temperature Thermal-Elastic Analysis of Dissimilar Metal Transition Joints (76-Mat-BB) **MT 65**
Autoignition Characteristics
Autoignition Characteristics of Hydrocarbon Fuels at Elevated Temperatures and Pressures (76-GT-3) **P 83**
Automated Guideway Transit (AGT)
Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) **DS 23**
Vehicle-Follower Control With Variable-Gains for Short Headway Automated Guideway Transit Systems **DS 183**
Automated Transit Vehicles
Vehicle-Follower Longitudinal Control for Automated Transit Vehicles **DS 241**
Automatic Assembly
Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 1: Non-Vibratory Feeding Systems (76-WA/Prod-38) **I 302**; Part 2: Vibratory-Bowl Feeding Systems (76-WA/Prod-39) **I 308**
Natural Resting Aspects of Parts for Automatic Handling (76-WA/Prod-40) **I 314**
Automatic Control Systems
Automatic Control Systems (BR) **DS 219**
Automatic Dynamic Analysis of Mechanical Systems
A Sparsity-Oriented Approach to the Dynamic Analysis and Design of Mechanical Systems—Part 1 (76-DET-19) **I 773**; Part 2 (76-DET-20) **I 780**
Automatic Sprinkler Systems
Cooling of Room Fires by Sprinkler Spray **HT 353**
Automobile Dynamics
An Analytical and Experimental Study of Automobile Dynamics With Random Roadway Inputs **DS 284**
Automobile Exhaust
Corrosion Performance of Austenitic Alloys in Automobile Exhaust Environments **MT 234**
Automotive Gas Turbines
Aerothermodynamic Performance of a Variable Nozzle Power Turbine Stage for an Automotive Gas Turbine (77-GT-95) **P 587**
Auxiliary Power Systems
Power System Economics: An Evaluation of Plant Auxiliary System Incremental Kilowatt Consumption (76-WA/Pwr-2) **P 419**; (D) (AC) **P 424**
Au-Yang, M. K. Generalized Hydrodynamic Mass for Beam Mode Vibration of Cylinders Coupled by Fluid Gap (BN) **AM 172**; Response of Fluid-Elastically Coupled Coaxial Cylindrical Shells to External Flow **F 319**
Axial Compression
Experimental Studies on the Buckling Under Axial Compression of Integrally Stringer-Stiffened Circular Cylindrical Shells **AM 721**
Axial Compressor Stage
Measurement of the Three-Dimensional Flow Field Behind an Axial Compressor Stage (76-GT-18) **P 168**; (D) **P 179**; (AC) **P 180**
Axial Compressors
Treatment of the Annulus Wall Boundary Layer Using a Secondary Flow Hypothesis (76-GT-52) **P 29**
Axial Conduction
Continuous Casting of Cylindrical Ingots **HT 29**
Axial Flow
Stability of a Cluster of Flexible Cylinders in Bounded Axial Flow (77-APM-34) **AM 401**
Axial-Flow Compressors
Loss Sources and Magnitudes in Axial-Flow Compressors (D) (AC) **P 297**
Stall Margin Improvement by Casing Treatment—Its Mechanism and Effectiveness (76-GT-A) **P 121**
Axial Flow Fan Impellers
Investigations on Axial Flow Fan Impellers With Forward Swept Blades (77-FE-1) **F 543**; (D) (AC) **F 547**
Axial Flow Turbomachinery
Three-Dimensional Potential Flow and Effects of Blade Dihedral in Axial Flow Propeller Pumps (76-FE-24) **F 167**
Axial Forces
Effect of Axial Force of Dynamic Fracture of a Beam or Plate in Pure Bending (77-WA/APM-22) **AM 647**
Axial Impact
Axial Impact of Twisted Wire Cables (77-APM-2) **AM 127**
Axial Loads
Buckling of Cylindrical Shells Subjected to Nonuniform Axial Loads (77-WA/APM-12) **AM 714**
Influence of Axial Load, Track Gage, and Wheel Profile on Rail Vehicle Hunting (D) **I 926**; (AC) **I 927**
Axial Shear
A Note on Dynamic Axial Shear of a Compressible Hyperelastic Solid (BN) **AM 342**
Axial Tension
Stresses Around a Rib-Reinforced Elliptic Hole in a Circular Cylindrical Shell Under Tension (76-PVP-13) **PVT 12**
Axisymmetric Analysis
Applicability of Axisymmetric Analysis in Predicting Supersonic Flow Through Annular Cascades (76-Pwr-B) **P 115**
Axisymmetric Diffusers
An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers With Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) **F 357**
Axisymmetric Extrusion
On One Analysis of Axisymmetric Extrusion by the Use of Flow Lines (76-Prod-B) **I 419**
Axisymmetric Flow
Heat Transfer in an Axisymmetric Separated and Reattached Flow Over a Longitudinal Blunt Circular Cylinder (TN) **HT 155**
Numerical Study of the Steady Axisymmetric Flow Through a Disk-Type Prosthetic Heart Valve in a Constant Diameter Chamber **BE 91**
Axisymmetric Geometric Assumptions
A Finite Plate Method to Solve Cylinder-to-Cylinder Structures Subjected to Internal Pressure (76-PVP-C) **PVT 404**
Axisymmetric Solids
Finite Element Static Analysis of Axisymmetric Solids With Material and Geometric Nonlinearities (76-PVP-A) **PVT 386**
Axle Load
Influence of Axle Load, Track Gage, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) **I 186**
Azar, R. C. Digital Simulation of Impact Phenomenon in Spur Gear Systems **I 792**
Aziz, A. Approximate Solution for Convection Fins With Variable Thermal Conductivity (D) (AC) **HT 692**

B

Bace, B. W. The 1977 Edition of Section V, Nondestructive Examination **PVT 498**
Backfill
Steady-State Crack Propagation in Pressurized Pipelines (76-PVP-7) **PVT 112**
Backup Supports
Dynamic Life Estimation for Track Surfaces under Periodcc Loadings andNNonuniform Backup Supports (D) **L 307**; (AC) **L 308**
Baffle Systems
A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) **P 441**
Bagci, C. Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) **I 116**
Baghdadi, S. The Effect of Rotor Blade Wakes on Centrifugal Compressor Diffuser Performance—A Comparative Experiment **F 45**; (D) **F 50–52**; (AC) **F 52**; Asymmetric Flow in Vaneless Diffusers of Centrifugal Blowers (D) **F 111**; (AC) **F 113**; Estimation of Centrifugal Compressor Stability With Diffuser Loss-Range System (D) **F 81**; (AC) **F 82**
Bahar, L. Y. A Mixed Method in Elasticity (D) **AM 790**; (AC) **AM 791**
Bahl, R. C. Rigidity Analysis and Optimization of Warren Beams in Torsion (76-WA/Prod-32) **I 269**
Bailey, D. A. Effect of Streamline Curvature on Film Cooling (76-GT-90) **P 77**
Bainitic Steels
Strain Rate Effects on the Elevated-Temperature Tensile Behavior of a Bainitic 2 1/4 Cr-1 Mo Steel **MT 350**
Bajaj, A. K. Linear Stability of Jet Flows (77-WA/APM-10) **AM 378**
Bakioglu, M. The Crack-Contact and the Free-End Problem for a Strip Under Residual Stress (77-APM-3) **AM 41**
Balasubramaniam, T. A. Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique **BE 148**
Baliga, B. R. Heat Transfer and FluidFlow Analysis of Interrupted-Wall Channels, With Application to Heat Exchangers **HT 4**
Baije, O. E. The Effect of Rotor Blade Wakes on Centrifugal Compressor Diffuser Performance—A Comparative Experiment (D) **F 51**; (AC) **F 52**; An Experimental study of Surge in Centrifugal Compressors (D) **F 126**; (AC) **F 130**
Ball Bearings
Performance of 75-Millimeter Bore Arched Outer-Race Ball Bearings (76-Lub-18) **L 346**; (D) **L 352**; (AC) **L 353**
Vibrational Characteristics of Ball Bearings (76-Lub-8) **L 284**; (D) **L 288, 289**; (AC) **L 289**

Ballistic Compressors
Erosive Effects of High Pressure and High Temperature Gases on Steel **MT 239**
Ball Joint Sockets
Analysis of Fatigue Fracture of Ball Joint Sockets by Indentation Hardness and Transmission Electron Microscopy (76-WA/Mat-3) **MT 80**
Bammert, K. Status Report on Closed-Cycle Power Plants in the Federal Republic of Germany (76-GT-54) **P 37**
Banks, D. O. The Transverse Vibration of a Doubly Tapered Beam **AM 123**
Bankston, J. D. Radiation-Convection Interaction in an Absorbing-Emitting Liquid in Natural Convection Boundary Layer Flow (TN) **HT 125**
Bapu Rao, M. N. Effect of Thickness on the Stresses in a Plate With an Elliptic Hole (76-DE-F) **I 401**; Stress Concentration Around an Elliptic Hole in a Cylindrical Shell Under Torsion With Major Axis of the Hole Perpendicular to the Shell Axis (BN) **AM 184**
Barber, J. R. The Optimal Wearpath Principle (D) **L 244**; (AC) **L 245**
Bargeron, C. B. Experimental Investigations of Steady and Pulsatile Laminar Flow in a 90° Branch **AM 372**
Barker, L. M. Geothermal Drill Bit Improvement—Specific Application to the Geysers (77-Pet-67) **PVT 619**
Barker, R. L. Comparative Analysis of Trash Contamination in Cotton by Optical Scanning (76-Tex-1) **I 46**
Barnard, B. W. Predicting Response of a Proposed Hydraulic Control System Using Bond Graphs **DS 1**
Barnett, D. M. Weakening of an Elastic Solid by a Rectangular Array of Cracks (Er) **AM 190**
Barrett, L. E. Design of Nonlinear Squeeze-Film Dampers for Aircraft Engines (76-Lub-25) **L 57**
Barrett, R. E. Improvement of Seasonal Efficiency of Residential Heating Systems (D) **P 333**; (AC) **P 334**
Baruch, M. A Simple Bound on the Asymptotic Pressure in a Spherical Cavity, Surrounded by an Infinite Elasto-Plastic Medium (BN) **AM 507**
Bar-Yoseph, P. The Stability of a Flexible Rotor Supported by Circumferentially Fed Journal Bearings **L 469**
Basu, D. K. Prediction of the Three-Dimensional Velocity Field of a Deflected Turbulent Jet **F 758**
Baughn, J. W. Optimum Concentration Ratio for a Solar Central-Receiver Electric Power Plant (TB) **P 490**
Beam Elements
Seismic Design Study on Cantilever Cylindrical Shells (77-PVP-14) **PVT 600**
Beam Layouts
Optimal Beam Layouts: The Free Edge Paradox **AM 693**
Beam Mode Vibration
Generalized Hydrodynamic Mass for Beam Mode Vibration of Cylinders Coupled by Fluid Gap (BN) **AM 172**
Beams
Effect of Axial Force on Dynamic Fracture of a Beam or Plate in Pure Bending (77-WA/APM-22) **AM 647**
The Effect of Principal Bending Curvature on the Lateral Buckling of Uniform Slender Beams (77-APM-22) **AM 311**
Frequency and Loss Factors of Tapered Symmetric Sandwich Beams (BN) **AM 511**
Further Dynamic Finite Element Analysis of the Tapered DCB Specimen **MT 324**
Multiple Fracture of Beams Under Localized Impulsive Loading (77-APM-23) **AM 259**
A Note on the Pure Bending of Unsymmetrical Prismatic Beams (BN) **AM 344**
Optimal Structural Design of Flexural Systems: Beams, Grillages, Slabs, Plates, and Shells (BR) **AM 516**
Timoshenko Beam Theory Is Not Always More Accurate Than Elementary Beam Theory (D) **AM 357-359**; (AC) **AM 359**
Transient Response of a Shear Beam to Correlated Random Boundary Excitation (77-APM-24) **AM 487**
The Transverse Vibration of a Doubly Tapered Beam **AM 123**
Traverse Vibrations of Cantilever Beams Having Unequal Breadth and Depth Tapers (77-WA/APM-19) **AM 737**
Bear, J. H. F. Mechanical Efficiency of a Variable-Speed, Fixed-Center, V-Belt Drive (TB) **I 806**
Bearing Clearances
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (D) (AC) **I 918**
Bearing Defect Data
Reliability of Railroad Roller Bearings (76-LubS-18) **L 30**; (D) **L 36-39**; (AC) **L 39**
Bearing Design
Surface Temperatures in Distributed Contacts: Application to Bearing Design **L 277**
Bearing Elements
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) **I 131**
Bearing Impedance Vectors
Journal Bearing Impedance Descriptions for Rotordynamic Applications (76-Lub-24) **L 198**; (D) **L 211, 214**; (AC) **L 214**
Bearing Oil Delivery
Bearing Oil Delivery by Disk-Scraper Means (76-Lub-2) **L 174**; (D) (AC) **L 178**
Bearings
An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (76-Lub-9) **L 82**
An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (D) (AC) **L 307**
A Class of Maximum Load Capacity Sector Thrust Bearings (76-Lub-6) **L 180**; (D) **L 184**; (AC) **L 186**
A Contribution to the Problem of Designing Optimum Performance Bearings **L 462**
The Dual Action Gas Thrust Bearing—A New High Load Bearing Concept (76-Lub-11) **L 89**
Dynamic Characteristics of Externally Pressurized Rectangular Porous Gas Thrust Bearings (D) (AC) **L 141**
Effect of Gas Bubbles on Behavior of Isothermal Michell Bearings **L 354**
Endurance and Failure Characteristic of Main-Shaft Jet Engine Bearing at 3 X 10^6 DN (D) **L 137, 138**; (AC) **L 138**
Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (76-Lub-32) **L 331**; (D) (AC) **L 338**
The Lubrication of a Long, Porous, Flexible Journal Bearing **L 449**
The Lubrication of Short, Flexible Journal Bearings (TB) **L 376**
On the Dynamic Stability of Self-Aligning Journal Gas Bearings **L 434**
Performance of 75-Millimeter Bore Arched Outer-Race Ball Bearings (76-Lub-18) **L 346**; (D) **L 352**; (AC) **L 353**
Porous Gas Journal Bearings—A Semianalytical Solution (TB) **MT 487**
Response of Infinite Journal Gas Bearings to Harmonic Perturbations in the Rotational Speed **L 428**
The Stability of a Flexible Rotor Supported by Circumferentially Fed Journal Bearings **L 469**
Static and Dynamic Analysis of Capillary Compensated Hydrostatic Journal Bearings by Finite Element Method **L 478**
Systems of Finite Elements for Finite Bearings (76-Lub-13) **L 187**; (D) **L 194-196**; (AC) **L 196**
A Theoretical Analysis of a Compliant Shell Air Bearing (76-Lub-5) **L 75**
Thrust Bearing Characteristics in Impulsively Generated Motion **L 365**
A Variable Wave Speed Technique for the Steady-State Analysis of Low-Clearance Gas Bearings (76-Lub-17) **L 339**; (D) **L 344**; (AC) **L 345**
Bearing Surfaces
Lubrication of Surfaces Having Area-Distributed Isotropic Roughness (76-Lub-7) **L 323**; (D) (AC) **L 329**
Bearing Torque Rig
Short-Time Torque Investigations on DMA-Bearings (76-Lub-20) **L 65**
Bearman, P. W. A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (D) (AC) **F 494**
Beattie, D. Vertically Downward Two-Phase Slug Flow (D) (AC) **F 263**
Beatty, M. F. Vector Analysis of Finite Rigid Rotations (BN) **AM 501**
Beck, J. V. Effective Thermal Diffusivity for a Multimaterial Composite Laminate (75-WA/HT-90) **HT 466**; Numerical Solution of Transient Heat Conduction Equation for Heat-Treatable Alloys Whose Thermal Properties Change With Time and Temperature **HT 471**; Sequential Estimation of Thermal Parameters **HT 314**
Becker, H. B. A Mathematical Solution for Gas-to-Surface Radiative Exchange Area for a Rectangular Paralellepiped Enclosure Containing a Gray Medium **HT 203**
Beckett, R. E. A Numerical Method for the Dynamic Analysis of Mechanical Systems in Impact (76-DET-1) **I 665**
Beckwith, I. E. Design of Two-Dimensional Wind Tunnel Contractions (D) (AC) **F 377**
Beese, J. G. Influence of Interstage Annealing on the Stretch-Formability of Sheet-Metal Laminates (76-Mat-U) **MT 42**
Bein, M. Nonaxisymmetric Flow in the Narrow Gap Between a Rotating and a Stationary Disk With an Eccentric Source (TB) **F 418**
Bejan, A. The Concept of Irreversibility in Heat Exchanger Design: Counterflow Heat Exchangers for Gas-to-Gas Applications **HT 374**; Transient Heat Conduction in Cryogenic Current Cables Following a Loss-of-Coolant Accident (TB) **HT 689**
Bekofske, K. L. Fan Inlet Disturbances and Their Effect on Static Acoustic Data (77-GT-63) **P 608**
Bélanger, P. R. Passive Suspension Design for a Magnetically Levitated Vehicle **DS 277**
Belliveau, J. G. Self-Excited Aeroelastic Instability of a Bridge Deck (76-WA/FE-25) **F 452**
Belyi, V. A. Adhesive Wear of Polymers **L 396**
Bending
Consistent Treatment of Extensional Deformations for the Bending of Arches, Curved Beams and Rings (76-PVP-11) **PVT 2**
Effect of Axial Force on Dynamic Fracture of a Beam or Plate in Pure Bending (77-WA/APM-22) **AM 647**
Flow-Induced Bending of Rectangular Plates (77-APM-14) **AM 207**
The Inelastic Deformation of Pressurized Stainless Steel Tubes Under Dynamic Bending and Torsional Loading (76-PVP-24) **PVT 258**
Stiffened Plates: Bending, Stability and Vibrations (BR) **AM 516**
The Viscoplastic Bending of Copper-Nickel and Steel Tubing **MT 387**
Bending Behavior
The Effect of Strain Rate Upon the Bending Behavior of Materials (76-Mat-FF) **MT 47**
Bending Curvature
The Effect of Principal Bending Curvature on the Lateral Buckling of Uniform Slender Beams (77-APM-22) **AM 311**
Bending Fatigue
X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) **MT 110**
Bending Moments
Experimental Solution of Flexed Plates by the Method of Caustics (77-APM-12) **AM 107**
Bending Stiffness
Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) **P 365**
Prediction of Bending Strength of Long Bones From Measurements of Bending Stiffness and Bone Mineral Content **BE 40**
Benedict, R. P. Loss Coefficients for Fluid Meters (76-WA/FM-2) **F 245**
Bennett, S. A Note on the Early Development of Control Theory (TB) **DS 211**
Benson, B. A. Friction Factor for Isothermal and Nonisothermal Flow Through Porous Media **HT 367**
Berger, B. S. The Numerical Inversion of Integral Transforms With Applications (BN) **AM 345**; The Transient Motion of a Cylindrical Shell of Arbitrary Cross Section in an Acoustic Medium (77-APM-33) **AM 482**
Bergquam, J. B. Optimum Concentration Ratio for a Solar Central-Receiver Electric Power Plant (TB) **P 490**
Berka, V. F. Thrust Bearing Characteristics in Impulsively Generated Motion **L 365**
Bernoulli-Euler Beam
Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) **DS 23**
Bernstein, M. A Correlating Equation for Forced Convection from Gases and Liquids to a Circular Cylinder in Crossflow **HT 300**
Bert, C. W. Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) **AM 112**; (Er) **AM 513**; Models for Fibrous Composites With Different Properties in Tension and Compression **MT 344**
Betser, A. A. Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) **I 685**
Beverly, G. Endurance and Failure Characteristic of Main-Shaft Jet Engine Bearing at 3 X 10^6 DN (D) **L 137**; (AC) **L 138**
Booker, J. F. Systems of Finite Elements for Finite Bear-

ings (D) **L 195**; (AC) **L 196**

Bhardwaj, N. K. A Systems Approach to Determining Actual Misalignment and Load Distribution for Cylindrical Roller Bearings in Commercial Gear Trains (76-LubS-15) **L 41**; (D) **L 46-48**; (AC) **L 49**

Bhaskaran, P. Constrained Flow Past Cavitating Bluff Bodies **F 717**

Bhatia, D. H. Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) **I 116**

Bhatt, B. L. An Experimental and Theoretical Investigation Into Thermally Governed Transient Flow Surges in Two-Phase Condensing Flow **HT 561**

Bhatti, M. S. Dynamics of a Vaporizing Droplet in Laminar Entry Region of a Straight Channel (77-HT-40) **HT 574**; Heat Transfer in the Entrance Region of a Straight Channel: Laminar Flow With Uniform Wall Heat Flux (TN) **HT 142**

Bhushan, B. The Optimal Wearpath Principle (D) (AC) **L 245**

Biaxial State of Stress

Long-Life Notch Strength Reduction Due to Local Biaxial State of Stress **MT 215**

Biaxial Stress Field

The Effect of Stress Ratio on Fatigue Crack Growth in a Biaxial Stress Field (76-PVP-37) **PVT 137**

Bickford, W. A Shear Correction for Simply Supported Rectangular Plates (BN) **AM 502**

Bienstock, D. Combustion of Pulverized, Solvent-Refined Coal (76-WA/Fu-6) **P 305**

Bifurcating Periodic Solutions

The Stability of Bifurcating Periodic Solutions in a Two-Degree-of-Freedom Nonlinear System (BN) **AM 782**

Bifurcation

Quasi-Bifurcation in Dynamics of Elastic-Plastic Continua (77-WA/APM-3) **AM 413**

Bifurcation Buckling Pressures

Nonsymmetric Buckling of Internally Pressurized Ellipsoidal and Torispherical Elastic-Plastic Pressure Vessel Heads (76-PVP-25) **PVT 54**

Bifurcation Hemodynamics

Experimental Investigations of Steady and Pulsatile Laminar Flow in a 90° Branch **AM 372**

Bifurcation Points

Stable Postbuckling Equilibria of Axially Compressed, Elastic Circular Cylindrical Shells: A Finite-Element Analysis and Comparison With Experiments (77-WA/APM-9) **AM 475**

BIGAS Pilot Plant

Materials Consideration for the BIGAS Coal Gasification Pilot Plant (76-PVP-41) **PVT 322**

Bill, R. C. Friction and Wear of Sintered Fibermetal Abradable Seal Materials **L 421**

Binary Liquid Solutions

Diffusion Transport in a Liquid Solution With a Moving, Semipermeable Boundary **HT 322**

Bins

The Theory of Static Loads in Bins (77-WA/APM-1) **AM 409**

Biochemical Oxygen Demand

Optimal Control of a Partially Time Lagged River Aeration System Subject to Random Disturbances **DS 193**

Biographical Sketch

William J. McCroskey **F 39**

Biological Materials

Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique **BE 148**

Biological Tissues

Finite Elastic Deformation for a Class of Soft Biological Tissues **BE 98**

Biomechanical Engineering

Why A Journal of Biomechanical Engineering? (Ed) **BE 1**

Biomechanical Processes

On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) **L 163**; (D) **L 172, 173**; (AC) **L 173**

Biophysics

Foundations of Biophysics (BR) **AM 367**

Bipedal Locomotion

On Optimal Control Laws for a Class of Constrained Dynamical Systems (With Application to Control of Bipedal Locomotion) **DS 98**

Birch, S. F. Free Turbulent Shear Layers on Plug Nozzles (D) **F 309**; (AC) **F 310**

Biron, A. Review of Lower-Bound Limit Analysis for Pressure Vessel Intersections **PVT 413**

Biswas, S. Calculation of Surface Deformation in Point Contact EHD **L 313**

Bituminous Coal Research

Materials Consideration for the BIGAS Coal Gasification Pilot Plant (76-PVP-41) **PVT 322**

Bituminous Coals

Stress Response Investigations Related to In-Situ Gasification of Coal (77-Pet-25) **PVT 627**

Blackburn, L. D. Creep Deformation of 20 Percent Cold Worked Type 316 Stainless Steel **MT 168**; Creep and Rupture Behavior of Weld-Deposited Type 16-8-2 Stainless Steel at 593° **MT 159**

Black Forging

On the Solution of Three-Dimensional Metal-Forming Processes (76-WA/Prod-17) **I 624**

Black, J. T. Tool-Life Distributions—Part 1: Single-Injury Tool-Life Model; Part 2: Multiple-Injury Tool-Life Model (D) **I 528**; (AC) **I 531**

Blade Dihedral

Three-Dimensional Potential Flow and Effects of Blade Dihedral in Axial Flow Propeller Pumps (76-FE-24) **F 167**

Bladed-Wheel Hopper Feeder

Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 1: Non-Vibratory Feeding Systems (76-WA/Prod-38) **I 302**

Blade Section Design

Refinement of the Mean Streamline Method of Blade Section Design (76-WA/FE-11) **F 561**

Blades

Investigations on Axial Flow Fan Impellers With Forward Swept Blades (77-FE-1) **F 543**; (D) (AC) **F 547**

Optical Determination of Rotating Fan Blade Deflections (76-GT-48) **P 204**; (D) (AC) **P 210**

Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) **F 531**; (D) **F 540, 541**; (AC) **F 541**

Blade-to-Blade Solutions

A Nearly Three-Dimensional Intrablade Computing System for Turbomachinery (76-FE-19 & 76-FE-20) **F 154**; (D) (AC) **F 166**

Blair, M. F. Effect of Streamline Curvature on Film Cooling (76-GT-90) **P 77**

Blass, J. J. Multiaxial Low-Cycle Fatigue of Type 304 Stainless Steel (D) **MT 283**; (AC) **MT 285**

Blech, J. J. The Stability of a Flexible Rotor Supported by Circumferentially Fed Journal Bearings **L 469**

Bleier, R. Prediction of Drilling Mud Rheology Using a Simplified Herschel-Bulkley Model **PVT 485**

Blevins, R. D. Dynamics of Heat Exchanger Tube Banks (D) **F 467**; (AC) **F 468**; *(author)* Flow Induced Vibration (BR) **AM 802**; Fluid Elastic Whirling of Tube Rows and Tube Arrays (76-WA/FE-26) **F 457**; (D) (AC) **F 461**

Blockage Correction Procedures

Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) **F 470**

Blockage Ratios

A Free-Streamline Model for Bluff Bodies in Confined Flow **F 585**

Blok, H. Full Journal Bearings Under Dynamic Duty: Impulse Method of Solution and Flapping Action (Er) **L 223**

Blood Flow

Comparison of Diastolic Ventricular Mechanics for Rigid Leaflet and Caged-Ball Prosthetic Valves **BE 178**

On the Momentum Correction Factor in Pulsatile Blood Flow (BN) **AM 343**

Pulsatile Blood Flow in a Channel of Small Exponential Divergence—III. Unsteady Flow Separation **F 333**

Blood Perfusion

On the Feasibility of Obtaining Three-Dimensional Information From Thermographic Measurements **BE 58**

Blood Velocity Patterns

Blood Velocity Patterns in Coronary Arteries **BE 26**

Bloom, J. M. Determination of Stress Intensity Factors for Gradient Stress Fields (76-WA/PVP-10) **PVT 477**

Blottner, F. G. Entry Flow in Straight and Curved Channels With Slender Channel Approximations (77-FE-2) **F 666**; (D) **F 673**; (AC) **F 674**

Blowholes

Review of the Mechanical Properties of Cast Steels With Emphasis on Fatigue Behavior and the Influence of Microdiscontinuities **MT 329**

Bluff Bodies

A Free-Streamline Model for Bluff Bodies in Confined Flow **F 585**

An Investigation of the Forces on Three Dimensional Bluff Bodies in Rough Wall Turbulent Boundary Layers (76-WA/FE-1) **F 503**; (D) (AC) **F 510**

Constrained Flow Past Cavitating Bluff Bodies **F 717**

Blunt Circular Cylinders

Heat Transfer in an Axisymmetric Separated and Reattached Flow Over a Longitudinal Blunt Circular Cylinder (TN) **HT 155**

Blunting

Blunting of a Plane Strain Crack Tip Into a Shape With Vertices **MT 290**

Bodola, J. Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) **MT 147**

Body Interaction

Javelin Dynamics Including Body Interaction (BN) **AM 496**

Boehm, R. Thermal Stress Effects and Surface Cracking Associated With Laser Use on Human Teeth (77-WA/Bio-3) **BE 189**

Boehm, R. F. Established Stripwise Laminar Natural Convection on a Horizontal Surface (76-HT-19) **HT 294**

Bogy, D. B. The Plane Symmetric Contact Problem for Dissimilar Elastic Semi-Infinite Strips of Different Widths (77-WA/APM-13) **AM 604**

Bohn, D. Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) **P 537**

Boilers

Particulate Emissions from Residual Fuel Fired Boilers: Influence of Combustion Modification (76-WA/APC-3) **P 371**

Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) **P 320**

Boiling

Effect of Superheat and Cavity Size on Frequency of Bubble Departure in Boiling **HT 246**

Boiling Heat Transfer

Transient Pool Boiling Heat Transfer—Part 1: Incipient Boiling Superheat **HT 547**; Part 2: Boiling Heat Transfer and Burnout **HT 554**

Boland, J.S., III Comparison of Continuous and Discrete Adaptive Identification Algorithms (TB) **DS 313**

Bolted Connections

On the Design of Bolted Connections With Gaskets Subjected to Fatigue Loading (76-DET-57) **I 388**; (D) (AC) **I 393**

Bolting Applications

Fracture Toughness Properties of SA540 Steels for Nuclear Bolting Applications **PVT 419**

Bolts

Hysteresis Test on Bolts (TB) **I 909**

Bonded Interfaces

Elastic Interface Waves Involving Separation (77-APM-26) **AM 222**

Bonded Joints

Analysis of Adhesively Bonded Joints Between Panels of Composite Materials (77-APM-1) **AM 101**

Bonderson, L. S. System Properties of One-Dimensional Distributed Systems **DS 85**

Bond Graphs

An Analysis of Wave Convection of Rolling Bodies **I 835**

Bond Graph Bibliography for 1961–1976 **DS 143**

Lagrange's Equations for Complex Bond Graph Systems **DS 300**

Mechanisms as Components of Dynamic Systems: A Bond Graph Approach (76-DET-21) **I 104**; (Er) **I 492**; (D) (AC) **I 509**

Predicting Response of a Proposed Hydraulic Control System Using Bond Graphs **DS 1**

Simulation of Bond Graphs on Minicomputers **DS 9**

Bone Mineral Content

Prediction of Bending Strength of Long Bones From Measurements of Bending Stiffness and Bone Mineral Content **BE 40**

Boner, C. J. *(author)* Modern Lubricating Greases (BR) **L 305**

Bone Strain Telemetry

In-Vivo Bone Strain Telemetry in Monkeys *(M. Nemestrina)* **BE 104**

Bonne, U. Improvement of Seasonal Efficiency of Residential Heating Systems (76-WA/Fu-7) **P 329**; (D) **P 333, 334**; (AC) **P 334**

Bonner, R. D. The 1977 Edition of Section VIII, Pressure Vessels, Divisions 1 and 2 **PVT 380**

Book Reviews
The Accuracy of Flow Measurements by Laser-Doppler Methods **DS 220**
Applied Mechanics: More Dynamics **DS 70**
Automatic Control Systems **DS 219**
Cavitation and Related Phenomena in Lubrication **L 136**
Classical Dynamics **AM 517**
Composite Materials and Their Use in Structures **AM 189**
Composite Structures of Steel and Concrete **MT 189**
Constitutive Equations in Plasticity **AM 801**
Convective Stability of Incompressible Fluids **AM 516**
Creep and Relaxation of Nonlinear Viscoelastic Materials with an Introduction to Linear Viscoelasticity **AM 364**
Deformation and Fracture Mechanics of Engineering Materials **MT 96**
Direct Variational Methods and Eigenvalue Problems in Engineering **AM 800**
Dynamic Problems of Thermoelasticity **AM 366**
Dynamics of Structures **AM 366**
Engineering Analysis Methods **DS 153**
Engineering Metrology **L 304**
Flow-Induced Vibration **AM 802**
Foundations of Biophysics **AM 367**
Fracture of Brittle Solids **AM 517**
Handbook of Engineering Fundamentals **L 379**
Inequalities in Mechanics and Physics **AM 364**
Linear Fracture Mechanics **AM 367**
The Linear Theory of Thermoelasticity **AM 189**
Mathematical Models **DS 219**
Measurement of Unsteady Fluid Dynamic Phenomena **DS 220**
Mechanics of Continuous Media **AM 801**
Modern Developments in Lubrication Mechanics **L 304**
Modern Lubricating Greases **L 305**
Notes on Nonlinear Systems **DS 70**
Optimal Design of Flexural Systems: Beams, Grillages, Slabs, Plates, and Shells **AM 516**
Principles and Practice of Laser-Doppler Anemometry **AM 518**
Principles of Tribology **L 305**
Progress in Experimental Mechanics **AM 189**
Resonance Oscillations in Mechanical Systems **AM 365**
Selected Topics in Wave Propagation **AM 518**
Shock and Vibration Computer Programs, Reviews and Summaries **AM 367**
Shock and Vibration Handbook **AM 364**
Stability of Fluid Motions—I **AM 800**
Stiffened Plates: Bending, Stability and Vibrations **AM 516**
Booker, J. F. Journal Bearing Impedance Descriptions for Rotordynamic Applications (D) **L 211**; (AC) **L 214**; On the Natural Lubrication of Synovial Joints: Normal and Degenerate (D) (AC) **L 173**
Booker, M. K. Assessment of Tensile and Creep Data for Types 304 and 316 Stainless Steel (76-PVP-31) **PVT 298**
Boothroyd, G. Natural Resting Aspects of Parts for Automatic Handling (76-WA/Prod-40) **I 314**
Bootsma, J. Conditions of Leakage-Free Operation of Herringbone Grooved Journal Bearings (76-Lub-27) **L 215**; (D) (AC) **L 222**
Bore Heat Flux
Circumferential Variations of Bore Heat Flux and Outside Surface Temperature for a Solar Collector Tube **HT 360**
Boreholes
Downhole Measurements Through Modified Drill Pipe (76-Pet-53) **PVT 374**
Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) **PVT 367**
Boring Bars
Dynamic Response of Elastic Rods Under Parametric Excitations (76-DE-G) **I 41**
Borders, S. Prediction of Bending Strength of Long Bones From Measurements of Bending Stiffness and Bone Mineral Content **BE 40**
Bosman, C. Quasi-Three-Dimensional Numerical Solution of Flow in Turbomachines (76-FE-23) **F 132**
Bottema, O. On Cage-Plane Motion (76-DET-2) **I 662**
Boundary Conditions
Relationships Among Boundary Conditions and Nusselt Numbers for Thermally Developed Duct Flows (TN) **HT 483**
Boundary Layer Calculations
Prediction of Flow Separation in a Diffuser by a Boundary Layer Calculation (76-WA/FE-6) **F 379**; (D) **F 387**; (AC) **F 388**
Boundary-Layer Flow
Buoyancy Cross-Flow Effects on Longitudinal Boundary Layer Flow Along a Heated Horizontal Hollow Cylinder (TN) **HT 122**
Experimental Study of Error Sources in Skin-Friction Balance Measurements **F 197**
Local Nonsimilar Solutions for Subliming Particle-Vapor Boundary-Layer Flow (TN) **HT 342**
Mixed Convection in Boundary Layer Flow on a Horizontal Plate **HT 66**
Radiation-Convection Interaction in an Absorbing-Emitting Liquid in Natural Convection Boundary Layer Flow (TN) **HT 125**
Transient Convective Heat Transfer for Laminar Boundary Layer Flow With Effects of Wall Capacitance and Resistance **HT 513**
Boundary Layer Instability
Boundary-Layer Instability Observations at Mach Number 7 **AM 7**
Boundary Layers
The Calculation of Turbulent Boundary Layers on Spinning and Curved Surfaces **F 231**
The Calculation of Turbulent Boundary Layers on Spinning and Curved Surfaces (D) **F 435, 436**; (AC) **F 437**
Deceleration Rate Parameter and Algebraic Prediction of Turbulent Boundary Layer (76-WA/FE-7) **F 390**; (D) (AC) **F 394**
Direct Measurement of Wall Shear Stress With Mass Transfer in a Low Speed Boundary Layer **F 580**
Direct Measurement of Wall Shear Stress With Mass Transfer in a Low Speed Boundary Layer (D) **F 784**; (AC) **F 785**
Free Convection Boundary Layers on Cylinders of Elliptic Cross Section **HT 453**
A Hybrid Marching Integration Procedure for the Prediction of Two-Dimensional Supersonic Boundary Layers **F 205**
The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) **AM 11**
An Investigation of the Forces on Three Dimensional Bluff Bodies in Rough Wall Turbulent Boundary Layers (76-WA/FE-1) **F 503**; (D) (AC) **F 510**
A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) **F 486**; (D) (AC) **F 494**
Singular Parabolic Partial-Differential Equations That Arise in Impulsive Motion Problems **AM 396**
Boundary-Layer Separations
Quasi-Three-Dimensional Laminar Boundary-Layer Separations in Supersonic Flow **F 634**; (D) (AC) **F 639**
Boundary-Point-Least-Squares Technique
Three-Dimensional Analysis of an Elastic Plate-Cylinder Intersection by the Boundary-Point-Least-Squares Technique (76-PVP-34) **PVT 17**
Bounded Axial Flow
Stability of a Cluster of Flexible Cylinders in Bounded Axial Flow (77-APM-34) **AM 401**
Bounding Surfaces
Crack Problem for a Semi-Infinite Solid With Heated Bounding Surface **AM 637**
Boussinesq Equations
An Exact Solution of the Boussinesq Equations for an Infinite Wall in a Stratified Fluid (TN) **HT 676**
Boussinesq Fluids
A Note on Convective Instabilities in Boussinesq Fluids and Porous Media (TN) **HT 338**
Bowman, H. F. Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique **BE 148**
Bow Shocks
Inverse Computation of Profile Shapes for Given Transonic Flow-Configurations With and Without Detached Bow-Shocks in Two-Dimensional Turbomachinery Cascades (77-GT-33) **P 601**
Box-Shaped Structures
Elastostatics of Cubic Boxes Subjected to Pressure (77-PVP-9) **PVT 568**
Boyd, J. *(recipient)* Mayo D. Hersey AWard **L 145**
Boyd, W. K. Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (76-WA/CD-1) **P 449**; (D) **P 455**; (AC) **P 458**
Boyle, J. T. The Flexibility of Curved Pipes in Creep (76-WA/PVP-4) **PVT 444**
Braaten, R. W. Oil Conservation in Home Heating (76-WA/Fu-8) **P 413**; (D) (AC) **P 417**
Brach, R. M. On the Transition of a Shaft Through Critical Speeds **DS 48**
Bradley, D. Derivation of Turbulent Transport Coefficients From Turbulent Parameters in Isotropic Turbulence **F 732**
Bradley, M. R. Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) **AM 264**
Bradley, W. B. An Experimental Evaluation of Drill Pipe Protectors (76-Pet-47) **PVT 199**; Minimizing Casing Wear in Dog Legs (76-Pet-56) **PVT 215**
Bradshaw, P. The Calculation of Turbulent Boundary Layers on Spinning and Curved Surfaces (D) **F 435, 436**; (AC) **F 437**; A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (D) (AC) **F 784**
Bragg, C. K. Effects of Spindle Centering on Ring-Spinning Tension (76-Tex-2) **I 51**
Branching
Asymmetric Branching of Cracks (77-WA/APM-16) **AM 611**
Branching Analysis
Branching Analysis at Coincident Buckling Loads of Nonconservative Elastic Systems (77-APM-30) **AM 317**
Branch Problems
Graphical Solution of the Branch and Order Problems of Linkage Synthesis for Multiply Separated Positions (76-DET-16) **I 591**
Brandmaier, H. E. Generalized Flow Across an Abrupt Enlargement (D) (AC) **P 492**
Brandt, H. Gas Flow in a Permeable Earth Formation Containing a Crack **AM 553**
Brant, V. L. Materials Consideration for the BIGAS Coal Gasification Pilot Plant (76-PVP-41) **PVT 322**
Breadth Tapers
Transverse Vibrations of Cantilever Beams Having Unequal Breadth and Depth Tapers (77-WA/APM-19) **AM 737**
Brewe, D. E. Simplified Solution for Elliptical-Contact Deformation Between Two Elastic Solids **MT 485**
Brewer, J. W. Dynamic Model of Expanded Polyethylene for Package Cushion Applications (TB) **MT 278**
Brickman, A. D. Analysis of an Artificial Ventricle and Mock Circulatory System **BE 184**
Bridge Decks
Self-Excited Aeroelastic Instability of a Bridge Deck (76-WA/FE-25) **F 452**
Brief Notes
Accurate Transform Inversion in the Elastodynamics of Heterogeneous Media **AM 352**
Creep Damage Under Stationary Random Loading (BN) **AM 763**
Critical Bending Moment of Circular Cylindrical Tubes **AM 173**
Dynamic Response of Infinitely Extended Plastic Plates **AM 175**
The Effect of Viscous Damping on Spin Stability of a Rigid Body With a Fixed Point **AM 349**
Efficient C^0 Finite-Element Solution of Simply Supported Plates of Polygonal Shape **AM 347**
Elastic-Plastic Analysis of a Radially Stressed Annular Plate **AM 167**
Equivalence of Finite Elements for Nearly Incompressible Elasticity **AM 181**
Finite Deflections of Unsymmetric Angle-Ply Anisotropic Rectangular Plate Under Edge Moments **AM 171**
Frequency and Loss Factors of Tapered Symmetric Sandwich Beams **AM 511**
Generalized Hydrodynamic Mass for Beam Mode Vibration of Cylinders Coupled by Fluid Gap **AM 172**
Javelin Dynamics Including Body Interaction **AM 496**
Large Deflection of a Rectangular Plate Resting on a Pasternak-Type Elastic Foundation **AM 509**
Linear Stability of Flow in a Concentric Annulus **AM 338**
Longitudinal Waves in Fiber-Reinforced Composite at Low and High Frequency Ranges **AM 492**
On a Minimum Weight Disk Design Problem **AM 506**
On the Momentum Correction Factor in Pulsatile Blood Flow **AM 343**
A Note on Dynamic Axial Shear of a Compressible Hyperelastic Solid **AM 342**
A Note on the Pure Bending of Unsymmetrical Prismatic Beams **AM 344**
The Numerical Inversion of Integral Transforms With Applications **AM 345**
Removal of an Anomaly in the Perturbation Analysis of a Flexible Plate Sealing an Incompressible Liquid **AM 498**

Resistance of a Closely Spaced Row of Cylinders **AM 177**
Response of a Nonlinear System Under Combined Parametric and Forcing Excitation **AM 179**
A Shear Correction for Simply Supported Rectangular Plates **AM 502**
A Simple Bound on the Asymptotic Pressure in a Spherical Cavity, Surrounded by an Infinite Elasto-Plastic Medium **AM 507**
A Simplified Stability Criterion for the Hill Equation and Its Applications **AM 504**
Snap-Through Buckling of the Low Arch by the Trefftz Criterion **AM 169**
On Solution of a Semicircular Edge Notch **AM 494**
Stress Concentration Around an Elliptic Hole in a Cylindrical Shell Under Torsion With Major Axis of the Hole Perpendicular to the Shell Axis **AM 184**
Stress Concentrations Between Two Rigid Spheres **AM 340**
Timoshenko Beam Theory Is Not Always More Accurate Than Elementary Beam Theory **AM 337**
Torsional Wave Propagation in Inhomogeneous Elastic Cylinders **AM 355**
Transverse Vibration of a Plate Having an Eccentric Inner Boundary **AM 165**
Traveling Loads on a Viscoelastic Timoshenko Beam **AM 183**
Vector Analysis of Finite Rigid Rotations **AM 501**
Vibration and Stability of Spinning Annular Plates Reinforced With Edge Beams **AM 499**
The Virtual Mass of a Sphere Moving Toward a Planer Wall **AM 166**
On Wave Propagation in Particulate Suspensions **AM 354**

Brighton, J. A. Analysis of an Artificial Ventricle and Mock Circulatory System **BE 184**; Why A Journal of Biomechanical Engineering? (Ed) **BE 1**

Brittle Beams
Multiple Fracture of Beams Under Localized Impulsive Loading (77-APM-23) **AM 259**

Brittle Fracture
Defects and Fracture Strength of Large Rotor Forgings for Steam Turbines (75-Pwr-10) **P 134**; (D) (AC) **P 142**

Brittle Materials
Probabilistic Aspects of Designing with Ceramics (77-GT-41) **P 617**

Brittle-Like Solids
On the Tensile and Compressive Strength of Solids Weakened (Strengthened) by an Inhomogeneity (77-WA/APM-4) **AM 449**

Brittle Solids
Fracture of Brittle Solids (BR) **AM 517**

Broichhausen, K. -D. Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) **P 537**

Brown, D. L. Design of a Viscoelastic Dynamic Absorber for Machine Tool Applications (76-WA/Prod-20) **I 620**

Brown, J. Arctic Transportation: Operational and Environmental Evaluation of an Air Cushion Vehicle in Northern Alaska (76-Pet-41) **PVT 176**

Brown, M. W. Low-Cycle Fatigue Under Out-of-Phase Loading Conditions **MT 222**

Brown, R. A. Flashing Flow of Initially Subcooled Water in Convergent-Divergent Nozzles (Er) **HT 647**; (76-HT-12) **HT 263**

Brown, S. J., Jr. Analytical and Experimental Stress Analysis of a Cylinder-to-Cylinder Structure (77-PVP-11) **PVT 575**; Failure Data and Failure Analysis: In Power and Processing Industries (PVP-PB-023) **PVT 535**; A Finite Plate Method to Solve Cylinder-to-Cylinder Structures Subjected to Internal Pressure (76-PVP-C) **PVT 404**; Vehicle-Follower Control With Variable-Gains for Short Headway Automated Guideway Transit Systems **DS 183**; Oil Conservation in Home Heating (76-WA/Fu-8) **P 413**; (D) (AC) **P 417**

Brundrett, E. Direct Measurement of Wall Shear Stress With Mass Transfer in a Low Speed Boundary Layer **F 580**

Bryan, J. J. *(recipient)* Materials Division Best Paper Award **MT 1**

Bryant, R. A. A. An Experimental Study of Choked Flow in Short Pipes With Low Air Water Mass Fractions (TB) **F 421**

Bryers, R. W. Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (D) **P 455**; (AC) **P 458**; An Examination of the Influence of Ash on the Combustion Characteristics of Anthracites (76-WA/CD-2) **P 348**

Bubble Departure
Effect of Superheat and Cavity Size on Frequency of Bubble Departure in Boiling **HT 246**

Bubble Formation
Conditions for a Pipe to Run Full When Discharging Liquid Into a Space Filled With Gas **F 405**

Bubble Motion
Experimental Study of Bubble Motion in Mercury With and Without a Magnetic Field **HT 404**

Bubbles
The Behavior of Bubbles in Non-Newtonian Lubricants **L 445**
Interaction Between an Oscillating Bubble and a Free Surface (77-FE-6) **F 709**; (D) (AC) **F 716**

Buchanan, R. A. Analysis of the Nondestructive Examination of PVRC Plate-Weld Specimen 251-J—Part A **PVT 382**; Analysis of Test Data on PVRC Specification No. 3, Ultrasonic Examination of Forgings, Revisions I and II **PVT 382**

Buchave, P. *(author)* The Accuracy of Flow Measurements by Laser-Doppler Methods (BR) **DS 220**

Buchberg, H. Performance Measurements of a Cylindrical Glass Honeycomb Solar Collector Compared With Predictions (76-WA/Sol-3) **HT 169**

Buchsbaum, F. Analytical Design of Cam-Type Angular-Motion Compensators (D) (AC) **I 386**

Bucket Wheel Reclaimer
Maximizing the Efficiency of Your Bucket Wheel Reclaimer **I 875**

Buckley, S. Planar Thermic Elements for Thermal Control Systems **DS 41**

Buckling
Buckling of Cylindrical Shells Subjected to Nonuniform Axial Loads (77-WA/APM-12) **AM 714**
Buckling of Supported Arches Under Three Pressure Distributions (BN) **AM 764**
Critical Velocity for Collapse of Viscoplastic Cylindrical Shells Without Buckling **AM 89**
Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) **AM 305**
The Effect of Principal Bending Curvature on the Lateral Buckling of Uniform Slender Beams (77-APM-22) **AM 311**
Experimental Studies on the Buckling Under Axial Compression of Integrally Stringer-Stiffened Circular Cylindrical Shells **AM 721**
Experiments on Buckling and Vibration on Superconducting Coils (77-WA/APM-28) **AM 707**
Nonsymmetric Buckling of Internally Pressurized Ellipsoidal and Torispherical Elastic-Plastic Pressure Vessel Heads (76-PVP-25) **PVT 54**
Plate Buckling Due to Follower Edge Forces (BN) **AM 768**
Prediction of Torsional Strength of Tubes **P 476**
Snap-Through Buckling of the Low Arch by the Trefftz Criterion (BN) **AM 169**
Stress and Buckling of Internally Pressurized, Elastic-Plastic Torispherical Vessel Heads—Comparisons of Test and Theory (76-PVP-23) **PVT 39**

Buckling Loads
Branching Analysis at Coincident Buckling Loads of Nonconservative Elastic Systems (77-APM-30) **AM 317**

Buffeting
A Brief Review of Flow Induced Vibrations of Tube Arrays in Cross-Flow (76-WA/FE-21) **F 517**

Buhler-Vidal, J. O. Elastostatics of Cubic Boxes Subjected to Pressure (77-PVP-9) **PVT 568**

Bukowski, J. M. Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) **MT 143**

Bulge Tests
Assessment of Deep-Drawability and Stretchability by Bulge Test of Concentrically Grooved Metal Disks (76-WA/Prod-14) **I 229**

Bulk Dilatancy
Continuum Theory of Ductile Rupture by Void Nucleation and Growth: Part I—Yield Criteria and Flow Rules for Porous Ductile Media (76-Mat-CC) **MT 2**

Bullock, R. O. The Effect of Rotor Blade Wakes on Centrifugal Compressor Diffuser Performance—A Comparative Experiment (D) (AC) **F 52**; Estimation of Centrifugal Compressor Stability With Diffuser Loss-Range System (D) **F 81**; (AC) **F 82**; An Experimental Study of Surge in Centrifugal Compressors (D) **F 128**; (AC) **F 130**; Impeller Stalling as Influenced by Diffusion Limitations (D) **F 93**; (AC) **F 97**; Quasi-Three-Dimensional Numerical Solution of Flow in Turbomachines (D) **F 431**; (AC) **F 432**; The Time Domain of Centrifugal Compressor and Pump Stability and Surge (D) **F 59**; (AC) **F 62**

Bunker Outlet Design
Bunker Design—Part 1: Bunker Outlet Design and Initial Measurements of Wall Pressures **I 809**; Part 2: Wall Pressures in Mass Flow **I 814**; Part 3: Wall Pressures and Flow Patterns in Funnel Flow **I 819**; Part 4: Recommendations **I 824**

Buono, D. F. Analytical and Experimental Investigation of the Stability of Intershaft Squeeze Film Dampers—Part 1: Demonstration of Instability (76-GT-55) **P 47**

Buoyancy
Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) **HT 392**

Buoyancy Cross Flow
Buoyancy Cross-Flow Effects on Longitudinal Boundary Layer Flow Along a Heated Horizontal Hollow Cylinder (TN) **HT 122**

Buoyant Axisymmetric Plumes
Entrainment Characteristics of Buoyant Axisymmetric Plumes in Atmospheric Inversions (TN) **HT 335**

Buoyancy Forces
Mixed Convection in Boundary Layer Flow on a Horizontal Plate **HT 66**

Buoyant Jets
Prediction of Turbulent Forced Plumes Issuing Vertically Into Stratified or Uniform Ambients **HT 99**

Buoyant Jets
An Analysis of Deep Submerged Multiple-Port Buoyant Discharges (76-WA/HT-19) **HT 648**; (D)(AC) **HT 654**

Buoyant Jets
Buoyant Jets Discharging Nonvertically Into a Uniform, Quiescent Ambient—A Finite-Difference Analysis and Turbulence Modeling **HT 641**

Bycroft, G. N. Impact of a Rigid Body on an Elastic Half Space **AM 227**

Byrne, R. Performance Characteristics of Freight-Car Trucks Determined Through Road Testing (76-WA/RT-4) **I 196**

Byrnes, F. E. Orthogonality Relations for "End Problem" Orthotropic Cylinders (BN) **AM 784**

Burmester Synthesis Problems
Graphical Solution of the Branch and Order Problems of Linkage Synthesis for Multiply Separated Positions (76-DET-16) **I 591**

Burnett, J. A. Endurance and Failure Characteristic of Main-Shaft Jet Engine Bearing at 3 X 10^6 DN (D) **L 137**; (AC) **L 138**

Burney, F. A. A New Approach to the Analysis of Machine-Tool System Stability Under Working Conditions (76-WA/Prod-11) **I 585**

Burnout
Transient Pool Boiling Heat Transfer—Part 2: Boiling Heat Transfer and Burnout **HT 554**

Burrows, C. R. Control of a Flexibly Mounted Stabilized Platform **DS 174**; Identification of Journal Bearing Characteristics **DS 167**

Burst Rod Adaptor
Fast Burst Reactor Burst Rod Adaptor Failure Analysis (76-WA/Mat-7) **MT 86**

Burton, R. A. Experimental Verification of Thermoelastic Instabilities in Sliding Contact (D) **L 364**; A Theoretical Study of the Effects of Cooling on Thermoelastic Contact Instabilities (76-Lub-14) **L 247**; (D) (AC) **L 253**; Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) **L 224**; *(reviewer)* Principles of Tribology (BR) **L 305**

Bushnell, D. Nonsymmetric Buckling of Internally Pressurized Ellipsoidal and Torispherical Elastic-Plastic Pressure Vessel Heads (76-PVP-25) **PVT 54**; Stress and Buckling of Internally Pressurized, Elastic-Plastic TORISPHERICAL Vessel Heads—Comparisons of Test and Theory (76-PVP-23) **PVT 39**

Butanedione
Quantitative Density Visualization in a Transonic Compressor Rotor **P 460**

Buthaud, H. On the Momentum Correction Factor in Pulsatile Blood Flow (BN) **AM 343**

Butt Joint Factors
Guide to Butt Joint Factors Based on Radiographic Examination in Accordance with UW-11 and UW-12 of Section VIII, division 1 **PVT 231**

Butt Welding
Plane Stress Fields Induced by Moving Heat Sources in

Butt-Welding **AM 231**

C

Cable Hockling
The Application of Greenhill's Formula to Cable Hockling (D) (AC) **AM 361**
Cable Kinking
Cable Kinking Analysis and Prevention (76-WA/DE-4) **I 112**; (D) (AC) **I 920**
Cables
Axial Impact of Twisted Wire Cables (77-APM-2) **AM 127**
Caged-Ball Prosthetic Valves
Comparison of Diastolic Ventricular Mechanics for Rigid Leaflet and Caged-Ball Prosthetic Valves **BE 178**
Cage-Plane Motion
On Cage-Plane Motion (76-DET-2) **I 662**
Calahan, D. A. A Sparsity-Oriented Approach to the Dynamic Analysis and Design of Mechanical Systems—Part 1 (76-DET-19) **I 773**; Part 2 (76-DET-20) **I 780**
Calcium-Treated Materials
Fatigue Crack Propagation in A533B Steels (76-WA/PVP-6) **PVT 459**
Caldwell, J. B. An Articulated Multiline Production Riser for Deepwater Application (76-Pet-44) **PVT 158**; Design, Fabrication, and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) **PVT 164**; A Method for Analysis of a Prototype Articulated Multiline Marine Production Riser System (76-Pet-46) **PVT 170**
Caldwell, H. M., III Snap-Through Buckling of the Low Arch by the Trefftz Criterion (BN) **AM 169**
Caledonia, G. E. Laser Beam-Hygroscopic Aerosol Interactions (75-WA/HT-42) **HT 281**
Calzado, A. J. A Pneumatic On-Off Vehicle Suspension System **DS 130**
Cam-Actuated Mechanisms
Dynamic Response of a Cam-Actuated Mechanism With Pneumatic Coupling (76-DET-35) **I 598**
Cam-Modulated Linkages
Analytical Design of Cam-Type Angular-Motion Compensators (76-DET-22) **I 381**; (D) (AC) **I 386**
Cameron, A. Effects of Load, Speed, and Surface Roughness on Sliding EHD Contact Temperatures (D) **L 261**; (AC) **L 262**
Cancer Detection
On the Feasibility of Obtaining Three-Dimensional Information From Thermographic Measurements **BE 58**
Cane, R. L. D. Free Convection Heat Transfer Across Inclined Honeycomb Panels **HT 86**
Cantilever Beams
A Cantilever Mounted Resilient Pad Gas Thrust Bearing **L 95**
Cantilever Cylindrical Shells
Seismic Design Study on Cantilever Cylindrical Shells (77-PVP-14) **PVT 600**
Cantilever Beams
Optimal Cantilever Dynamic Vibration Absorbers (76-WA/DE-17) **I 138**
Transverse Vibrations of Cantilever Beams Having Unequal Breadth and Depth Tapers (77-WA/APM-19) **AM 737**
Cantilevers
Stability of Elastically Restrained Timoshenko Cantilevers With Attached Masses Subjected to a Follower Force (77-WA/APM-7) **AM 731**
Capacitor Discharge Welding
Thermal Analysis of Capacitor Discharge Welding and its Correlation With Observed Stress Wave Emission (SWE) **MT 379**
Capeletti, T. L. The Tensile Ductility of Austenitic Steels in Air and Hydrogen **MT 153**
Capillaries
Fluidic Thermistors or Fluidic Temperature Sensing With Capillaries (76-WA/TM-1) **P 406**; (D) (AC) **P 411**
Capillary Breakup
Capillary Breakup of a Liquid Jet With a Random Initial Perturbation **AM 385**
Capillary Instability
The Breakup Length of Turbulent Liquid Jets (TB) **F 414**
Capsule Pipelining
Capsule-Pipelining—An Improved Theoretical Analysis **F 763**
Car Body Dynamics
Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) **I 841**
Caravani, P. Recursive Least-Squares Time Domain Identification of Structural Parameters **AM 135**
Carbon Dioxide Mixtures
Spectral Absorption of Water Vapor and Carbon Dioxide Mixtures in the 2.7 Micron Band **HT 53**
Carbon Manganese
Elevated-Temperature Mechanical Behavior of a Carbon-Manganese Pressure Vessel Steel **MT 359**
Carbon Monoxide
Erosive Effects of High Pressure and High Temperature Gases on Steel **MT 239**
Carbon Steel
Fatigue Damage Detection in 2024-T3 Aluminum, Titanium, and Low Carbon Steel by Optical Correlation **MT 319**
X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) **MT 110**
Carbon
Friction and Wear of Glass and Carbon Fiber-Filled Thermoplastic Polymers **L 408**
Cardiac Catheterization
Estimation of Systemic Arterial Impedance in Man From Cardiac Catheterization Data (76-WA/Bio-6) **BE 9**
Cardiac Prosthesis Research
In-Vitro and Predicted In-Vivo Performances of a Pneumatically Regulated Artificial Ventricle **BE 83**
Carlson, L. E. Kinematic Analysis of Coupled Arm Prostheses **BE 110**
Carmichael, D. On a Minimum Weight Disk Design Problem (BN) **AM 506**
Carney, J. F., III Vibration and Stability of Spinning Annular Plates Reinforced With Edge Beams (BN) **AM 499**
Carrasquel, S. Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) **F 470**
Carrubba, R. V. Catalysts for Gas Turbine Combustors—Experimental Test Results (76-GT-4) **P 159**
Caruthers, J. E. An Experimental Determination of the Unsteady Aerodynamics in a Controlled Oscillating Cascade (76-GT-17) **P 88**
Carwile, C. Geothermal Drill Bit Improvement—Specific Application to the Geysers (77-Pet-67) **PVT 619**; Seals for Geothermal Roller Drill Bits (77-Pet-53) **PVT 614**
Cascade Airfoils
Refinement of the Mean Streamline Method of Blade Section Design (76-WA/FE-11) **F 561**
Cascade Flow
A New Approach to the Experimental Study of Turbomachinery Flow Phenomena (76-GT-47) **P 97**
Cascade Lift Fluctuations
The Response of Turbomachine Blades to Low Frequency Inlet Distortions (76-GT-19) **P 195**
Cascades
Further Developments in the Aerodynamic Analysis of Unsteady Supersonic Cascades—Part 1: The Unsteady Pressure Field (77-GT-44) **P 509**; Part 2: Aerodynamic Response Predictions (77-GT-45) **P 517**
Inverse Computation of Profile Shapes for Given Transonic Flow-Configurations With and Without Detached Bow-Shocks in Two-Dimensional Turbomachinery Cascades (77-GT-33) **P 601**
Casing Treatment
Stall Margin Improvement by Casing Treatment—Its Mechanism and Effectiveness (76-GT-A) **P 121**
Casing Wear
An Experimental Evaluation of Drill Pipe Protectors (76-Pet-47) **PVT 199**
Collapse of Worn Casing (76-Pet-51) **PVT 208**
Minimizing Casing Wear in Dog Legs (76-Pet-56) **PVT 215**
Caspi, S. Free Convection at Supercritical Pressures in Cryo-Fluid Helium-I (76-WA/PID-14) **I 723**; Lambda—Transition (He II—He I) During Heat Flow at Supercritical Pressures **HT 479**
Cast Steels
The Fracture Toughness of Cast High-Strength Steels (76-Mat-HH) **MT 70**
Review of the Mechanical Properties of Cast Steels With Emphasis on Fatigue Behavior and the Influence of Microdiscontinuities **MT 329**
Castable Refractories
Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) **MT 143**
Castelli, V. An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (D) (AC) **L 307**; Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (76-Lub-32) **L 331**; (D) (AC) **L 338**; A Variable Wave Speed Technique for the Steady-State Analysis of Low-Clearance Gas Bearings (D) **L 344**; (AC) **L 345**
Casting Processes
Continuous Casting of Cylindrical Ingots **HT 29**
Development of Economical Casting Process for NEMO-Type Acrylic Submersible Hulls (76-WA/OcE-7) **I 493**
Castle, J. N. Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) **HT 411**
Catalysts
Catalysts for Gas Turbine Combustors—Experimental Test Results (76-GT-4) **P 159**
Catalytic Combustion
Catalytic Combustion Modeling: Comparisons With Experimental Data (77-GT-85) **P 593**
Cato, G. A. Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) **P 320**
Catton, I. Buoyancy Cross-Flow Effects on Longitudinal Boundary Layer Flow Along a Heated Horizontal Hollow Cylinder (TN) **HT 122**; Dryout Heat Fluxes for Inductively Heated Particulate Beds (75-WA/HT-19) **HT 250**; Effect of Tilt and Horizontal Aspect Ratio on Natural Convection in a Rectangular Honeycomb (TN) **HT 120**; Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) **HT 411**
Caudill, R. J. Vehicle-Follower Longitudinal Control for Automated Transit Vehicles **DS 241**
Caustic Environments
Some Adverse Effects of Stress Corrosion in Steam Turbines (76-IPC-Pwr-8) **P 255**
Caustics
Asymmetric Branching of Cracks (77-WA/APM-16) **AM 611**
Experimental Solution of Flexed Plates by the Method of Caustics (77-APM-12) **AM 107**
Static and Dynamic Stress Intensity Factors by the Method of Transmitted Caustics **MT 105**
Caveny, L. H. Erosive Effects of High Pressure and High Temperature Gases on Steel **MT 239**
Cavitation
Cavitation and Related Phenomena in Lubrication (BR) **L 136**
Constrained Flow Past Cavitating Bluff Bodies **F 717**
Cavities
Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) **AM 250**
Numerical Study of Transient and Steady Induced Symmetric Flows in Rectangular Cavities (77-FE-17) **F 526**
Prediction of Oscillation Frequencies for Unstable Flow Past Cavities (76-WA/FE-17) **F 294**; (D) **F 299**; (AC) **F 300**
A Simple Bound on the Asymptotic Pressure in a Spherical Cavity, Surrounded by an Infinite Elasto-Plastic Medium (BN) **AM 507**
On the Structural Behavior of Progressively Mined Solution Cavities in Salt **AM 565**
Cavitation Bubbles
The Behavior of Bubbles in Non-Newtonian Lubricants **L 445**
Cavity Size
Effect of Superheat and Cavity Size on Frequency of Bubble Departure in Boiling **HT 246**
Cebeci, T. The Numerical Prediction of the Turbulent Flow and Heat Transfer in the Entrance Region of a Parallel Plate Duct (D) **HT 693**; (AC) **HT 694**
Cell Membranes
The Concentration Polarization Effect in Frozen Erythrocytes **BE 65**
Cellular Convection
Free Convection at Supercritical Pressures in Cryo-Fluid Helium-I (76-WA/PID-14) **I 723**
Central Receivers
Optimum Concentration Ratio for a Solar Central-Receiver Electric Power Plant (TB) **P 490**
Centrifugal Blowers
Asymmetric Flow in Vaneless Diffusers of Centrifugal Blowers **F 104**; (D) **F 111, 112**; (AC) **F 113**
Centrifugal Compressor Flow
A Centrifugal Compressor Flow Analysis Employing a Jet-Wake Passage Flow Model (D) (AC) **F 430**
Centrifugal Compressors
The Effect of Rotor Blade Wakes on Centrifugal Compressor

Diffuser Performance—A Comparative Experiment **F 45**; (D) **F 50-52**; (AC) **F 52**
Estimation of Centrifugal Compressor Stability With Diffuser Loss-Range System **F 76**; (D) **F 81**; (AC) **F 82**
An Experimental Investigation of the Control of Surge in Radial Compressors Using Close Coupled Resistances **F 64**; (D) **F 74**; (AC) **F 75**
An Experimental Study of Surge in Centrifugal Compressors **F 115**; (D) **F 124-130**; (AC) **F 130**
Impeller Stalling as Influenced by Diffusion Limitations **F 84**; (D) **F 93-96**; (AC) **F 97**
Quasi-Three-Dimensional Numerical Solution of Flow in Turbomachines (76-FE-23) **F 132**
The Time Domain of Centrifugal Compressor and Pump Stability and Surge **F 53**; (D) **F 59-61**; (AC) **F 62**

Centrifugal Impeller
A Centrifugal Compressor Flow Analysis Employing a Jet-Wake Passage Flow Model (76-FE-21) **F 141**

Centrifugal Pump Impeller
Quasi Two-Dimensional Analysis of Flow Through a Centrifugal Pump Impeller (77-FE-29) **F 687**
Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) **F 531**; (D) **F 540, 541**; (AC) **F 541**; (D) **F 789**; (AC) **F 790**

Centrifugal Pumps
A New Approach to the Experimental Study of Turbomachinery Flow Phenomena (76-GT-47) **P 97**

Centrifugal Vaneless Diffusers
Influence of Inlet Flow Conditions and Geometries of Centrifugal Vaneless Diffusers on Critical Flow Angle for Reverse Flow **F 98**; (D) **F 102**; (AC) **F 103**

Ceramic Regenerators
The Effect of Fin Geometry and Manufacturing Process on Ceramic Regenerator Thermodynamic Performance (77-GT-61) **P 638**

Ceramic Structures
Design Methodology for Ceramic Structures (77-GT-40) **P 559**

Ceramics
Probabilistic Aspects of Designing with Ceramics (77-GT-41) **P 617**

Cerkanowicz, A. E. Catalytic Combustion Modeling: Comparisons With Experimental Data (77-GT-85) **P 593**

Chace, M. A. A Sparsity-Oriented Approach to the Dynamic Analysis and Design of Mechanical Systems—Part 1 (76-DET-19) **I 773**; Part 2 (76-DET-20) **I 780**

Chacour, S. "IRIS" A Computerized High Head Pump Turbine Design System (76-WA/FE-12) **F 567**; (D) **F 577, 578**; (AC) **F 579**

Chahine, G. L. Interaction Between an Oscillating Bubble and a Free Surface (77-FE-7) **F 709**; (D) (AC) **F 716**

Chakravarthy, K. Erosive-Corrosive Wear of Copper (TB) **L 302**

Chandra, S. Rigidity Analysis and Optimization of Warren Beams in Torsion (76-WA/Prod-32) **I 269**

Chandrasekaran, H. Influence of Flank Wear on the Stresses in a Cutting Tool (76-WA/Prod-30) **I 566**

Chang, D. C. Letter to the Editor, published in the December, 1976, issue of the Journal of Dynamics Systems, Measurement, and Control, p. 450 (Er) **DS 154**

Chang, C. Natural Convection Mass Transfer at Salt-Brine Interfaces (76-MT-33) **HT 603**

Chang, K. C. The Numerical Prediction of the Turbulent Flow and Heat Transfer in the Entrance Region of a Parallel Plate Duct (D) **HT 693**; (AC) **HT 694**

Chang, M. H. Heat Transfer in Curved Tubes With Pulsatile, Fully Developed, Laminar Flows **HT 590**

Chang, W. T. Frequency Domain Approach to the Computation of the Impulse Response of Population Systems **DS 249**

Chang, Y. P. Heat Conduction in an Anisotropic Medium Homogeneous in Cylindrical Regions—Steady State (TN) **HT 132**; Unsteady State **HT 41**

Change-of-Phase
Heat Transfer From a Horizontal Plate Facing Upward to Superposed Liquid-Layers With Change of Phase (76-WA/HT-1) **HT 568**

Channel Entrances
Deposition of Suspensions in the Entrance of a Channel (76-WA/Flcs-13) **F 365**; (D) (AC) **F 370**

Channel Flow
An Experimental Investigation of Incompressible Channel Flow Near Transition (77-FE-19) **F 693**; (D) (AC) **F 698**
Heat Transfer in Micropolar Laminar Radial Channel Flow (TN) **HT 684**

Channels
Aerodynamic Characteristics of a Rectangular Wing With a Tip Clearance in a Channel **AM 541**
Entry Flow in Straight and Curved Channels With Slender Channel Approximations (77-FE-2) **F 666**; (D) **F 673**; (AC) **F 674**
Stability Analysis of Straight and Buckled Two-Dimensional Channels Conveying an Incompressible Flow **AM 548**

Charmats, M. Godunov-Conte Method for Solution of Egenvalue Problems and Its Applications (BN) **AM 776**

Charpy Impact
Low Level Charpy Impact Response of Graphite/Epoxy Hybrid Composites **MT 257**

Charpy V-Notch
Fracture Toughness Properties of SA540 Steels for Nuclear Bolting Applications **PVT 419**

Chart, J. E. Corrosion Performance of Austenitic Alloys in Automobile Exhaust Environments **MT 234**

Chatas, A. T. The Estimation of Aquifer Properties from Reservoir Performance in Water-Drive Fields (76-Pet-49) **PVT 345**

Chato, J. C. On the Feasibility of Obtaining Three-Dimensional Information From Thermographic Measurements **BE 58**

Chatterjee, A. K. The Elastic Moduli of a Fiber-Reinforced Composite (76-APM-RR) **AM 61**; The Elastic Moduli of a Fiber-Reinforced Composite (Er) **AM 803**

Chaudhary, OM P. Stresses Around a Rib-Reinforced Elliptic Hole in a Circular Cylindrical Shell Under Tension (76-PVP-13) **PVT 12**

Cheatham, J. B., Jr. Deviation Forces Arising from Single Bit Tooth Indentation of an Anisotropic Porous Media (76-Pet-52) **PVT 362**

Chemical Cleaning
Chemical Cleaning of Coal (76-WA/APC-2) **P 361**

Chen, F. Y. Dynamic Response of a Cam-Actuated Mechanism With Pneumatic Coupling (76-DET-35) **I 598**

Chen, H.-S. The Virtual Mass of a Sphere Moving Toward a Plane Wall (BN) **AM 166**

Chen, K. H. The Effect of Heat Transfer Coefficient, Local Wet Bulb Temperature and Droplet Size Distribution Function on the Thermal Performance of Sprays **HT 381**; Thermal Performance Models and Drift Loss Predictions for a Spray Cooling System **HT 274**

Chen, K.-K. First Effects of Stokes Roughness on Hydrodynamic Lubrication (76-Lub-12) **L 2**

Chen, M. M. On the Feasibility of Obtaining Three-Dimensional Information From Thermographic Measurements **BE 58**

Chen, P. C. T. Elastic-Plastic Analysis of a Radially Stressed Annular Plate (BN) **AM 167**

Chen, P. J. *(author)* Selected Topics in Wave Propagation (BR) **AM 518**

Chen, R. Y. Deposition of Suspensions in the Entrance of a Channel (76-WA/Flcs-13) **F 365**; (D) (AC) **F 370**

Chen, S. S. Dynamics of Heat Exchanger Tube Banks (76-WA/FE-28) **F 462**; (D) **F 467**; (AC) **F 468, 469**; Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) **AM 213**

Chen, T. L. C. Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) **AM 112**; (Er) **AM 513**

Chen, T. S. Mixed Convection in Boundary Layer Flow on a Horizontal Plate **HT 66**; Mixed Convection Across a Horizontal Cylinder With Uniform Surface Heat Flux (TN) **HT 679**

Chen, W. T. Point Force Solution for an Infinite Transversely Isotropic Solid (D) **AM 514**; (AC) **AM 515**

Chen, Y. N. A Note on the Phase Relationships Involved in the Whirling Instability in Tube Arrays (D) **F 730**; (AC) **F 731**

Chenchu Raju, V. C. An Analysis of Steady Fully Developed Heat Transfer in A Rotating Straight Pipe (TN) **HT 148**

Cheng, P. C. The Elastic Field Outside an Ellipsoidal Inclusion (77-WA/APM-29) **AM 591**

Cheng, S. Three-Dimensional Elasticity Solution and Edge Effects in a Spherical Dome (77-WA/APM-26) **AM 599**

Cheng, T. A Dynamic Optical Correlation Technique for Fatigue Failure Prediction **MT 229**

Cheng, W. H. Determination of Global Regions of Asymptotic Stability for Difference Dynamical Systems **AM 147**

Chern, J. M. Inelastic Behavior of Finite Circular Cylindrical Shells (76-PVP-42) **PVT 31**

Cheung, F. B. Freezing-Controlled Penetration of a Saturated Liquid Into a Cold Tube **HT 233**

Cheung, T. An Experimental Study of Heat Transfer to Developing Water Film Flow Over Cylinders (TN) **HT 152**

Childs, D. Journal Bearing Impedance Descriptions for Rotordynamic Applications (76-Lub-24) **L 198**; (D) **L 211, 214**; (AC) **L 214**

Chip Formation
On Wedge Indentation and Its Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) **I 702**

Chip Thickness Modulation
Experimental Investigation of the Characteristics of Dynamic Cutting Process (76-Prod-A) **I 410**

Chip/Tool Interaction
Determination of Plastic Contact Length Between Chip and Tool in Machining (TB) **I 802**

Chipheads
High-Speed Films of the Incipient Cutting Process in Machining at Conventional Speeds (76-WA/Prod-26) **I 263**

Chitkara, N. R. Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) **I 738**

Chiu, H. Y. Vehicle-Follower Control With Variable-Gains for Short Headway Automated Guideway Transit Systems **DS 183**

Chiu, Y. P. On the Stress Field Due to Initial Strains in a Cuboid Surrounded by an Infinite Elastic Space (77-WA/APM-17) **AM 587**

Choi, I. Saint-Venant's Principle and End Effects in Anisotropic Elasticity (77-WA/APM-11) **AM 424**

Chopra, O. K. Representation of Elevated-Temperature Tensile Behavior of Type 304 Stainless Steel in a Sodium Environment **MT 366**

Choked Flow
An Experimental Study of Choked Flow in Short Pipes With Low Air Water Mass Fractions (TB) **F 421**

Chordwise Pressure Measurements
Aerodynamic Characteristics of a Rectangular Wing With a Tip Clearance in a Channel **AM 541**

Choroid
The Elasticity of Sclera and Choroid of the Human Eye, and Its Implications on Scleral Rigidity and Accommodation **BE 203**

Chou, S. I. Stresses Around a Rib-Reinforced Elliptic Hole in a Circular Cylindrical Shell Under Tension (76-PVP-13) **PVT 12**

Chou, T. W. *(author)* Composite Materials and Their Use in Structures (BR) **AM 189**

Chou, Y. T. Antiplane Strain Problems of an Elliptic Inclusion in an Anisotropic Medium **AM 437**

Chow, J. C. F. Heat Transfer in Curved Tubes With Pulsatile, Fully Developed, Laminar Flows **HT 590**

Christensen, H. A Microcontinuum Theory for the Elastohydrodynamic Inlet Zone (76-Lub-19) **L 24**

Christensen, R. M. *(reviewer)* Creep and Relaxation of Nonlinear Viscoelastic Materials with an Introduction to Linear Viscoelasticity (BR) **AM 364**; A High-Order Theory of Plate Deformation—Part 1: Homogeneous Plates (77-WA/APM-23) **AM 663**; Part 2: Laminated Plates (77-WA/APM-24) **AM 669**; Timoshenko Beam Theory Is Not Always More Accurate Than Elementary Beam Theory (D) **AM 797, 798**; (AC) **AM 799**

Christoe, C. W. Erosive Effects of High Pressure and High Temperature Gases on Steel **MT 239**

Chu, C. L. High Temperature Thermal-Elastic Analysis of Dissimilar Metal Transition Joints (76-Mat-BB) **MT 65**

Chu, S. C. A Numerical Method for the Dynamic Analysis of Mechanical Systems in Impact (76-DET-1) **I 665**

Chung, B. T. F. Transient Convective Heat Transfer for Laminar Boundary Layer Flow With Effects of Wall Capacitance and Resistance **HT 513**

Chung, H. Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) **AM 213**

Chung, K. C. Heat Conduction in a Stack of Parallelograms Separated by Thin Partition Walls (TN) **HT 127**

Churchill, S. W. A Correlating Equation for Forced Convection from Gases and Liquids to a Circular Cylinder in Crossflow **HT 300**

Cichowlas, W. M. Void Fraction Measurement With a

Rotating Electric Field Conductance Gauge (TN) **HT 330**

Circular Cylinder Coordinates
Heat Conduction in an Anisotropic Medium Homogeneous in Cylindrical Regions—Steady State (TN) **HT 132**

Circular Cylinders
A Correlating Equation for Forced Convection from Gases and Liquids to a Circular Cylinder in Crossflow **HT 300**
Effect of Wind-Tunnel Wally on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) **F 470**; (D) (AC) **F 785**
Lift on a Rotating Porous Cylinder **F 753**
Lower Bounds to the Collapse Load of a Thick Circular Cylinder Subjected to Internal Pressure and Shear (BN) **AM 766**
A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) **F 486**; (D) (AC) **F 494**
Potential Flow Model for an Impulsively Started Circular Cylinder (D) (AC) **AM 187**
REVIEW—Review of Flow Interference Between Two Circular Cylinders in Various Arrangements **F 618**
Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) **AM 213**
Vortex Excited Oscillations of Yawed Circular Cylinders (76-WA/FE-16) **F 495**; (D) **F 501**; (AC) **F 502**
On Wake-Induced Flutter of a Circular Cylinder in the Wake of Another (77-APM-28) **AM 194**

Circular Cylindrical Shells
Experimental Studies on the Buckling Under Axial Compression of Integrally Stringer-Stiffened Circular Cylindrical Shells **AM 721**
Inelastic Behavior of Finite Circular Cylindrical Shells (76-PVP-42) **PVT 31**
Stable Postbuckling Equilibria of Axially Compressed, Elastic Circular Cylindrical Shells: A Finite-Element Analysis and Comparison With Experiments (77-WA/APM-9) **AM 475**
Stresses Around a Rib-Reinforced Elliptic Hole in a Circular Cylindrical Shell Under Tension (76-PVP-13) **PVT 12**

Circular Cylindrical Tubes
Critical Bending Moment of Circular Cylindrical Tubes (BN) **AM 173**

Circular Ducts
Velocity Distribution in an Abruptly Expanding Circular Duct **F 226**; (D) (AC) **F 606**

Circular Holes
On the Dynamic Expansion of a Circular Hole in an Infinite Plate (77-WA/APM-21) **AM 577**
Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) **PVT 454**
Plastic Strain Concentrations in Ligaments (76-PVP-32) **PVT 328**
Stability of Poiseuille Flow in Elastic Tubes **AM 18**

Circular Plates
Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) **I 738**

Circular Tubes
An Approximate Analysis of Laminar Dispersion in Circular Tubes (D) (AC) **AM 360**; (Er) **AM 188**
Combined Radiation—Convection for a Real Gas (76-HT-58) **HT 60**
Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) **HT 580**

Circulating Fluid Motion
Transient Heat and Mass Transfer to a Drop in an Electric Field (76-WA/HT-43) **HT 269**

Circumferential Edge Cracks
Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) **AM 250**

Circumferential Flow Distortion
Multiple Segment Parallel Compressor Model for Circumferential Flow Distortion **P 288**

Citron, S. J. A Simple Technique for the Minimum Mass Design of Continuous Structural Members (77-APM-27) **AM 205**

Circulatory Deficiencies
On the Feasibility of Obtaining Three-Dimensional Information From Thermographic Measurements **BE 58**

Circulatory Forces
Nonlinear Behavior of Flutter Unstable Dynamical Systems With Gyroscopic and Circulatory Forces **AM 755**

Citron, S. J. Optimization of Automotive Engine Fuel Economy and Emissions **DS 109**

Clamped Cracks
Analytical and Numerical Calculation of Stress-Intensity Clamped Crack (77-APM-35) **AM 264**

Clamped Edge Conditions
Free-Vibration Analysis of Rectangular Plates With Clamped-Simply Supported Edge Conditons by the Method of Superposition **AM 743**

Clark, J. C. Endurance and Failure Characteristic of Main-Shaft Jet Engine Bearing at 3 X 10^6 DN (D) **L 137**; (AC) **L 138**

Clark, L. T. A Three Dimensional Density Field Measurement of Transonic Flow From a Square Nozzle Using Holographic Interferometry **F 737**; (D) **F 743**; (AC) **F 744**

Classical Dynamics
Classical Dynamics (BR) **AM 517**

Classification Zones
The Use of Classification Zones for Fatigue Behavior in Steels (76-Mat-Y) **MT 23**

Claus, W. D., Jr. Bioengineering Considerations in the Design of Protective Headgear **BE 20**

Clausen, W. E. Numerical Solution of a Deep-Drawing Problem (76-WA/Prod-3) **I 206**

Clearance Connections
Design and Analysis of Multilink Flexible Mechanisms With Multiple Clearance Connections (76-DET-9) **I 88**

Clearances
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) **I 131**

Cleats
Origin and Spacing of Cleats in Coal Beds (77-Pet-24) **PVT 624**

Clifton, R. J. Analysis of Combined Pressure-Shear Waves in an Elastic/Viscoplastic Material **AM 79**; Pressure-Shear Waves in 6061-T6 Aluminum Due to Oblique-Plate-Impact **AM 85**

Clinical Hypothermia
An Experimental and Theoretical Investigation of Hypothermia in Dogs **BE 195**

Close-Coupled Resistances
An Experimental Investigation of the Control of Surge in Radial Compressors Using Close Coupled Resistances **F 64**; (D) **F 74**; (AC) **F 75**

Closed Basins
A Three-Dimensional Rigid-Lid Model for Closed Basins (76-WA/HT-21) **HT 656**

Closed Channels
Some Characteristics of High Waves in Closed Channels Approaching Kelvin-Helmholtz Instability (77-FE-15) **F 339**

Closed Containers
Numerical Simulation of Natural Convection in Closed Containers by a Fully Implicit Method **F 649**

Closed-Cycle Gas Turbines
Status Report on Closed-Cycle Power Plants in the Federal Republic of Germany (76-GT-54) **P 37**

Clough, R. W. *(author)* Dynamics of Structures (BR) **AM 366**

Clumpner, J. A. Continuous Casting of Cylindrical Ingots **HT 29**

Coal
Characteristics of Rheinisch Brown Coals With Respect to Their Combustion and Fouling Behavior in Thermal Power Stations (76-WA/CD-3) **P 679**
Combustion of Pulverized, Solvent-Refined Coal (76-WA/Fu-6) **P 305**
Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (76-WA/CD-1) **P 449**; (D) **P 455**; (AC) **P 458**
Materials Consideration for the BIGAS Coal Gasification Pilot Plant (76-PVP-41) **PVT 322**

Coal Beds
Origin and Spacing of Cleats in Coal Beds (77-Pet-24) **PVT 624**

Coal Desulfurization
Chemical Cleaning of Coal (76-WA/APC-2) **P 361**

Coal Gasification
Current Progress in Materials Development for Coal Conversion **MT 372**
Materials Consideration for the BIGAS Coal Gasification Pilot Plant (76-PVP-41) **PVT 322**
The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) **PVT 192**
Stress Response Investigations Related to In-Situ Gasification of Coal (77-Pet-25) **PVT 627**

Coated Abrasives
Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-WA/Prod-9) **I 218**

Coe, H. H. Performance of 75-Millimeter Bore Arched Outer-Race Ball Bearings (76-Lub-18) **L 346**; (D) **L 352**; (AC) **L 353**

Coefficients of Restitution
Effects of External Force on Contacting Times and Coefficients of Restitution in a Periodic Collision (BN) **AM 773**

Cohen, L. A. Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (D) (AC) **P 341**

Cohen, M. J. On the Dynamic Stability of Self-Aligning Journal Gas Bearings **L 434**; Response of Infinite Journal Gas Bearings to Harmonic Pertubations in the Rotational Speed **L 428**

Cohen, P. H. Tool-Life Distributions—Part 1: Single-Injury Tool-Life Model; Part 2: Multiple-Injury Tool-Life Model (D) **I 528**; (AC) **I 531**

Coils
Experiments on Buckling and Vibration of Superconducting Coils (77-WA/APM-28) **AM 707**

Coincident Buckling Loads
Branching Analysis at Coincident Buckling Loads of Nonconservative Elastic Systems (77-APM-30) **AM 317**

Colburn, B. K. Comparison of Continuous and Discrete Adaptive Identification Algorithms (TB) **DS 313**

Cold Tubes
Freezing-Controlled Penetration of a Saturated Liquid Into a Cold Tube **HT 233**

Cold-Worked Stainless Steel
Creep Deformation of 20 Percent Cold Worked Type 316 Stainless Steel **MT 168**

Coldewey, R. W. The Natural Convection of Air Over a Heated Plate With Forward-Facing Step (76-HT-15) **HT 439**

Cole, R. B. Catalytic Combustion Modeling: Comparisons With Experimental Data (77-GT-85) **P 593**

Collapse
Critical Velocity for Collapse of Viscoplastic Cylindrical Shells Without Buckling **AM 89**

Collapse Load
Lower Bounds to the Collapse Load of a Thick Circular Cylinder Subjected to Internal Pressure and Shear (BN) **AM 766**

Collapse Tests
Collapse of Worn Casing (76-Pet-51) **PVT 208**

Collapsible Tubes
Steady Flow in Collapsible Tubes **BE 126**

Collapsing Bubble
Interaction Between an Oscillating Bubble and a Free Surface (77-FE-6) **F 709**; (D) (AC) **F 716**

Collinear Impact
Acoustodynamics of the Longitudinal Collinear Impact of Finite Elastic Cylinders (76-WA/DE-19) **I 144**

Collins, D. J. A Three-Dimensional Density Field Measurement of Transonic Flow from a Square Nozzle Using Holographic Interferometry (D) **F 743**; (AC) **F 744**

Collins, G. F. Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (76-WA/APC-1) **P 335**; (D) (AC) **P 341**

Collins, I. F. On the Influence of Hardening and Anisotropy on the Plane-Strain Compression of Thin Metal Strip **AM 271**

Collision
Effects of External Force on Contacting Times and Coefficients of Restitution in a Periodic Collision (BN) **AM 773**

Colton, J. D. Multiple Fracture of Beams Under Localized Impulsive Loading (77-APM-23) **AM 259**

Combustion
Characteristics of Rheinisch Brown Coals With Respect to Their Combustion and Fouling Behavior in Thermal Power Stations (76-WA/CD-3) **P 679**
Combustion of Pulverized, Solvent-Refined Coal (76-WA/Fu-6) **P 305**
Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (76-WA/CD-1) **P 449**; (D) **P 455**; (AC) **P 458**
An Examination of the Influence of Ash on the Combustion Characteristics of Anthracites (76-WA/CD-2) **P 348**
Particulate Emissions from Residual Fuel Fired Boilers: Influence of Combustion Modification (76-WA/APC-3) **P 371**
Reduction of Pollutant Emissions from Industrial Boilers by

Combustion Modification (76-WA/Fu-5) **P 320**

Combustion Calculations
Computer Program for Constant Pressure or Constant Volume Combustion Calculations in Hydrocarbon-Air Systems (76-DGP-2) **P 246**; (D) **P 253**; (AC) **P 254**

Combustion Gas Atmospheres
Erosion of 310 Stainless Steel at 975°C in Combustion Gas Atmospheres (76-WA/Mat-5) **MT 126**

Combustion Products Cooling
Cooling of Room Fires by Sprinkler Spray **HT 353**

Combustion Systems
The Use of the Milne-Eddington Absorption Coefficient for Radiative Heat Transfer in Combustion Systems **HT 458**

Combustor Exhaust Gases
Heat Transfer Coefficients Around Cylinders in Crossflow in Combustor Exhaust Gases (77-GT-9) **P 497**

Combustors
Catalysts for Gas Turbine Combustors—Experimental Test Results (76-GT-4) **P 159**
A Potential Low NOx Emission Combustor for Gas Turbines Using the Concept of Hybrid Combustion (77-GT-15) **P 631**
A Simple Gas Turbine Combustor NOx Correlation Including the Effect of Vitiated Air (76-GT-5) **P 145**; (Er) **P 481**
A Simple Pressure-Gain Combustor for Gas Turbines (76-GT-6) **P 153**

Comini, G. Thermal Design of Pavement Structures in Seasonal Frost Areas **HT 533**

Commercial Gear Trains
A Systems Approach to Determining Actual Misalignment and Load Distribution for Cylindrical Roller Bearings in Commercial Gear Trains (76-LubS-15) **L 41**; (D) **L 46–48**; (AC) **L 49**

Comninou, M. Elastic Interface Waves Involving Separation (77-APM-26) **AM 222**; The Interface Crack **AM 631**; Interface Crack With Friction in the Contact Zone (BN) **AM 780**

Comparative Analysis
Comparative Analysis of Trash Contamination in Cotton by Optical Scanning (76-Tex-1) **I 46**

Comparin, R. A. Deposition of Suspensions in the Entrance of a Channel (76-WA/Flcs-13) **F 365**; (D) (AC) **F 370**

Completely Elastic Systems
Elastodynamic Analysis of a Completely Elastic System (76-DET-32) **I 604**

Complex Systems
An Improved Symbolic Manipulation Technique for the Simulation of Nonlinear Dynamic Systems With Mixed Time-Varying and Constant Terms **DS 157**

Compliant Shell Bearings
A Theoretical Analysis of a Compliant Shell Air Bearing (76-Lub-5) **L 75**

Compliant Systems
The Time Domain of Centrifugal Compressor and Pump Stability and Surge **F 53**; (D) **F 59–61**; (AC) **F 62**

Component Mass Centers
Minimizing Assembly Imbalance in Turbomachine Rotors Made With Toothed Couplings: Locating Component Mass Centers (76-GT-51) **P 189**

Composite Laminates
Effective Thermal Diffusivity for a Multimaterial Composite Laminate (75-WA/HT-90) **HT 466**

Composite Materials
Analysis of Adhesively Bonded Joints Between Panels of Composite Materials (77-APM-1) **AM 101**
Composite Materials and Their Use in Structures (BR) **AM 189**
Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) **AM 112**; (Er) **AM 513**
Low Level Charpy Impact Response of Graphite/Epoxy Hybrid Composites **MT 257**
Plane Strain Deformation Processing Limits in Unidirectionally Reinforced Composites (TB) **MT 94**
Saint-Venant's Principle and End Effects in Anisotropic Elasticity (77-WA/APM-11) **AM 424**

Composite Structures
Composite Structures of Steel and Concrete (BR) **MT 189**

Composites
Models for Fibrous Composites With Different Properties in Tension and Compression **MT 344**

Compound Distribution
Average Life of Equipment Subject to Compound Failures (76-PEM-A) **I 431**

Compound Pendulums
Dynamics of a Freely Swinging Compound Pendulum (TB) **I 911**

Compressible Fluids
On the Calculation of Three-Dimensional Divergent and Rotational Flow in Turbomachines **F 187**
An Optimum Stepped Piston for Cylinders Working With Compressible Fluid (D) (AC) **F 427**

Compressible Lubricants
A Theoretical Analysis of a Compliant Shell Air Bearing (76-Lub-5) **L 75**

Compression
The Compression of Thick-Walled Tubes by External Pressure (77-PVP-2) **PVT 516**
Design of a Viscoelastic Dynamic Absorber for Machine Tool Applications (76-WA/Prod-20) **I 620**
On the Influence of Hardening and Anisotropy on the Plane-Strain Compression of Thin Metal Strip **AM 271**
Models for Fibrous Composites With Different Properties in Tension and Compression **MT 344**

Compressive Axial Loading
Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) **AM 218**

Compressive Hyperelastic Solids
A Note on Dynamic Axial Shear of a Compressible Hyperelastic Solid (BN) **AM 342**

Compressive Strength
On the Tensile and Compressive Strength of Solids Weakened (Strengthened) by an Inhomogeneity (77-WA/APM-4) **AM 449**

Compressor Blades
Optical Determination of Rotating Fan Blade Deflections (76-GT-48) **P 204**; (D) (AC) **P 210**
Secondary Flows in Compressor Bladings (76-GT-57) **P 211**

Compressor Rotors
Quantitative Density Visualization in a Transonic Compressor Rotor **P 460**

Compressor Stability
Estimation of Centrifugal Compressor Stability With Diffuser Loss-Range System **F 76**; (D) **F 81**; (AC) **F 82**

Compressors
An Experimental Investigation of the Control of Surge in Radial Compressors Using Close Coupled Resistances **F 64**; (D) **F 74**; (AC) **F 75**
Loss Sources and Magnitudes in Axial-Flow Compressors (D) (AC) **P 297**
Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) **P 537**
Nonlinear Analysis of Surge Cycles (TB) **F 258**
A Regenerative Compressor (76-WA/PID-22) **I 637**; (D) **I 919**; (AC) **I 920**
The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors (76-WA/PID-15) **I 749**

Computational Schemes
Implicit and Explicit Computational Schemes in Dynamic Plasticity (76-PVP-B) **PVT 394**

Computer-Aided Design
KINSYN III: A New Human-Engineered System for Interactive Computer-Aided Design of Planar Linkages (76-DET-48) **I 440**

Computer Algorithm
Recursive Least-Squares Time Domain Identification of Structural Parameters **AM 135**

Computer Numerical Control
Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) **I 766**

Computer Programs
Computer Program for Constant Pressure or Constant Volume Combustion Calculations in Hydrocarbon-Air Systems (76-DGP-2) **P 246**; (D) **P 253**; (AC) **P 254**
Quasi-Three-Dimensional Numerical Solution of Flow in Turbomachines (76-FE-23) **F 132**
Shock and Vibration Computer Programs, Reviews and Summaries (BR) **AM 367**

Computerized Design
"IRIS" A Computerized High Head Pump Turbine Design System (76-WA/FE-12) **F 567**; (D) **F 577, 578**; (AC) **F 579**

Computerized Synthesis
Computerized Synthesis of Straight-Line Four-Bar Linkages from Inflection Circle Properties (76-DET-27) **I 610**

Computers
Data-Based Computer System for Pressure Vessel Design (76-PVP-63) **PVT 337**

Computing Systems
A Nearly Three-Dimensional Intrablade Computing System for Turbomachinery (76-FE-19 & 76-FE-20) **F 154**; (D) (AC) **F 166**

Concave Walls
The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) **AM 11**

Concentration Polarization
The Concentration Polarization Effect in Frozen Erythrocytes **BE 65**
Diffusion Transport in a Liquid Solution With a Moving, Semipermeable Boundary **HT 322**

Concentric Annulus
Linear Stability of Flow in a Concentric Annulus (BN) **AM 338**

Concentric Cylinders
Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) **AM 218**

Concentric Holes
Stresses Due to Interference Fits in Cylinders with Concentric and Eccentric Holes (Er) **AM 356**

Concrete
Composite Structures of Steel and Concrete (BR) **MT 189**

Condensate
Treatment of Condensate Returns at Industrial Plants **P 269**

Condensation
The Effect of Surface Suction on Condensation in the Presence of a Noncondensable Gas (TN) **HT 496**

Condensing Flow
An Experimental and Theoretical Investigation Into Thermally Governed Transient Flow Surges in Two-Phase Condensing Flow **HT 561**

Conductance Correlations
Thermal Contact Conductance Correlation for Stacks of Thin Layers in High Vacuums (TN) **HT 139**

Conductance Gauges
Void Fraction Measurement With a Rotating Electric Field Conductance Gauge (TN) **HT 330**

Conduction-Controlled Rewetting
Analysis of Conduction-Controlled Rewetting of a Vertical Surface (D) (AC) **HT 502**

Conductivity
Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique **BE 148**

Confined Flow
A Free-Streamline Model for Bluff Bodies in Confined Flow **F 585**

Confined Fluids
Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) **AM 213**

Conical Diffusers
Oscillating Turbulent Flow in a Conical Diffuser (D) **F 790**; (AC) **F 791**

Conical Pendulum
A Note on the Early Development of Control Theory (TB) **DS 211**

Conical Water Drop
High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) **F 396**

Connector Fatigue Life
Field Application of Externally Stress-Relieved Drill Collars (76-Pet-39) **PVT 149**

Constant Pressure/Volume
Computer Program for Constant Pressure or Constant Volume Combustion Calculations in Hydrocarbon-Air Systems (76-DGP-2) **P 246**; (D) **P 253**; (AC) **P 254**

Constant Velocity Coupling
A New Constant Velocity Coupling (76-DET-33) **I 367**; (D) **I 372, 373**; (AC) **I 374**

Constantinescu, V. N. On Some Starvation Phenomena in Fluid Films **L 441**

Constitutive Equations
Constitutive Equations in Plasticity (BR) **AM 801**
An Improved Method for Numerical Integration of Constitutive Equations of the Work Hardening-Recovery Type (TB) **MT 275**

Constitutive Relations
Creep Analysis of Metallic Structures in the Presence of Thermal Gradients Using Newer Constitutive Relations (76-PVP-30) **PVT 272**

Constrained Dynamical Systems
On Optimal Control Laws for a Class of Constrained Dynamical Systems (With Application to Control of Bipedal

Locomotion) **DS 98**

Constrained Flow
Constrained Flow Past Cavitating Bluff Bodies **F 717**

Constrained Materials
A Note on Thermodynamics of Constrained Materials (BN) **AM 787**

Constraint Conditions
A Numerical Method for the Dynamic Analysis of Mechanical Systems in Impact (76-DET-1) **I 665**

Contact Loss
A Determination of Contact-Loss at a Bearing of a Linkage Mechanism (76-DET-43) **I 375**; (D) **I 379**; (AC) **I 380**

Contact Pattern Analysis
A Systems Approach to Determining Actual Misalignment and Load Distribution for Cylindrical Roller Bearings in Commercial Gear Trains (76-LubS-15) **L 41**; (D) **L 46–48**; (AC) **L 49**

Contact Stresses
Influence of Flank Wear on the Stresses in a Cutting Tool (76-WA/Prod-30) **I 566**

Contact Zones
Interface Crack With Friction in the Contact Zone (BN) **AM 780**

Contacting Times
Effects of External Force on Contacting Times and Coefficients of Restitution in a Periodic Collision (BN) **AM 773**

Continuous Casting
Continuous Casting of Cylindrical Ingots **HT 29**

Continuous Extrusion
Continuous Extrusion by Viscous Drag (76-Mat-Z) **MT 52**

Continuous Media
Mechanics of Continuous Media (BR) **AM 801**

Continuous Nonlinear Systems
Series-Parallel and Parallel Identification Schemes for a Class of Continuous Nonlinear Systems (TB) **DS 137**

Continuous Structural Members
A Simple Technique for the Minimum Mass Design of Continuous Structural Members (77-APM-27) **AM 285**

Continuous Time Systems
Comparison of Continuous and Discrete Adaptive Identification Algorithms (TB) **DS 313**

Control Moment Gyro
Single-Axis Gyroscopic Motion With Uncertain Angular Velocity About Spin Axis **DS 259**

Control Theory
A Note on the Early Development of Control Theory (D) **DS 317**; (TB) **DS 211**

Controlled Collapse
Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) **HT 392**

Convection
Approximate Solution to a Class of Transient Forced Convection Problems (77-GT-58) **P 567**
Free Convection Along A Nonisothermal Vertical Flat Plate (75-WA/HT-15) **HT 72**
Mixed Convection in Boundary Layer Flow on a Horizontal Plate **HT 66**
Numerical Simulation of Natural Convection in Closed Containers by a Fully Implicit Method **F 649**
A Theoretical and Experimental Study of Radiation-Convection Interaction in a Diffusion Flame **HT 212**

Convective Environment
Thermal Response of a Transpiration-Cooled System in a Radiative and Convective Environment **HT 628**

Convective Fins
Approximate Solution for Convective Fins With Variable Thermal Conductivity (D) (AC) **HT 692**

Convective Fluid Inertia
An Estimation of the Effect of Fluid Inertia on the Performance of the Plane Inclined Slider Thrust Bearing With Particular Regard to Turbulent Lubrication **L 129**

Convective Heat Transfer
A Correlating Equation for Forced Convection from Gases and Liquids to a Circular Cylinder in Crossflow **HT 300**

Convective Instabilities
A Note on Convective Instabilities in Boussinesq Fluids and Porous Media (TN) **HT 338**

Convective Stability
Convective Stability of Incompressible Fluids (BR) **AM 516**

Convective Transfer
Combined Radiation—Convection for a Real Gas (76-HT-58) **HT 60**

Convergence Properties
Generalization of Adaptive Observer and Method of Optimizing Its Convergence Properties **DS 15**

Convergent-Divergent Nozzles
Flashing Flow of Initially Subcooled Water in Convergent-Divergent Nozzles (76-HT-12) **HT 263**; (Er) **HT 647**

Conway, H. D. The Lubrication of Short, Flexible Journal Bearings (TB) **L 376**

Cook, N. H. Sensing of Drill Wear and Prediction of Drill Life (76-WA/Prod-33) **I 295**

Cooley, L. A. Enhancement of Fatigue Crack Growth and Fracture Resistance in Ti-6Al-4V and Ti-6Al-6V-2Sn Through Microstructural Modification **MT 313**

Cooling
Cooling of Room Fires by Sprinkler Spray **HT 353**
A Theoretical Study of the Effects of Cooling on Thermoelastic Contact Instabilities (76-Lub-14) **L 247**; (D) (AC) **L 253**

Cooling Rate Effects
The Effect of Cooling Rate on the Formation of Dendritic Ice in a Pipe With No Main Flow **HT 419**

Cooling Tower Models
Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) **F 470**; (D) (AC) **F 785**

Cooling Systems
Thermal Performance Models and Drift Loss Predictions for a Spray Cooling System **HT 274**

Coon, M. D. Simulation of Sea Ice Dynamics During AIDJEX **PVT 491**

Cooper, C. A. Optimal Control of a Partially Time Lagged River Aeration System Subject to Random Disturbances **DS 193**

Cooperrider, M. Improvement of Seasonal Efficiency of Residential Heating Systems (D) **P 333**; (AC) **P 334**

Cooperrider, N. K. Influence of Nonlinear Wheel/Rail Contact Geometry on Stability of Rail Vehicles (76-WA/RT-2) **I 172**

Coordination Concepts
Coordination Concepts in Multilevel Hierarchical Differential Games **DS 201**

Copley, S. M. The Modeling of Flow Concentration in Two Phase Materials (D) (AC) **MT 185**

Copper
Erosive-Corrosive Wear of Copper (TB) **L 302**

Copper-Nickel Alloys
The Viscoplastic Bending of Copper-Nickel and Steel Tubing **MT 387**

Corner Cracks
Corner Crack at the Bore of a Rotating Disk (Er) **P 96**

Corner Flows
A Note in Comment on "A Reynolds Stress Model for Turbulent Corner Flows" (TB) **F 593**; (D) **F 596**; (AC) **F 597**

Coronary Arteries
Blood Velocity Patterns in Coronary Arteries **BE 26**

Correlation Functions
Transient Response of a Shear Beam to Correlated Random Boundary Excitation (77-APM-24) **AM 487**

Correlation Intensity
Fatigue Damage Detection in 2024-T3 Aluminum, Titanium, and Low Carbon Steel by Optical Correlation **MT 319**

Corrosion
Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (76-WA/CD-1) **P 449**; (D) **P 455**; (AC) **P 458**

Corrosion Performance
Corrosion Performance of Austenitic Alloys in Automobile Exhaust Environments **MT 234**

Corrugated Wall Channels
Heat/Mass Transfer Characteristics for Flow in a Corrugated Wall Channel **HT 187**

Corvin, I. Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) **L 152**; (D) **L 156**; (AC) **L 157**

Cory, J. F., Jr. Seismic Design Study on Cantilever Cylindrical Shells (77-PVP-14) **PVT 600**

Cosine Dies
Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) **I 754**

COSPET-TOWER
Data-Based Computer System for Pressure Vessel Design (76-PVP-63) **PVT 337**
Some Adverse Effects of Stress Corrosion in Steam Turbines (76-IPC-Pwr-8) **P 255**

Cost and Reliability
Optimization of Helium Refrigerators for Superconducting Power Transmission Lines in Terms of Cost and Reliability (76-WA/PID-16) **I 551**

Costello, G. A. Axial Impact of Twisted Wire Cables (77-APM-2) **AM 127**

Cotton
Comparative Analysis of Trash Contamination in Cotton by Optical Scanning (76-Tex-1) **I 46**

Cotton Dust
Particle Size Analysis of Cotton Dust Using Scanning Electron Microscopy (76-Tex-3) **I 56**

Cotton Sliver Drafting System
A Unique Cotton Sliver Drafting System (76-Tex-4) **I 61**

Cotton Yarns
The Effects of Fiber Properties and Preparation on Trash Removal and Properties of Open-End Cotton Yarns (76-Tex-7) **I 71**

Counterflow Heat Exchangers
The Concept of Irreversibility in Heat Exchanger Design: Counterflow Heat Exchangers for Gas-to-Gas Applications **HT 374**

Coupled Arm Prostheses
Kinematic Analysis of Coupled Arm Prostheses **BE 110**

Couplings
Existence Criteria of Two-Loop Six-Link R-R-C-C-R-C-C Spatial Mechanism (76-DET-38) **I 630**
Mechanical Couplings—A General Geometrical Theory. Part 1: Theorems on Algebraic Loci and Couplings (76-DET-5) **I 77**; Part 2: Examples and Applications of the Theorems (76-DET-6) **I 82**
A New Constant Velocity Coupling (76-DET-33) **I 367**; (D) **I 372, 373**; (AC) **I 374**

Cover, P. W. Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (76-WA/CD-1) **P 449**; (D) **P 455**; (AC) **P 458**

Cowin, S. C. *(reviewer)* Inequalities in Mechanics and Physics (BR) **AM 364**; (77-WA/APM-1) **AM 409**

Cowley, P. E. Endurance and Failure Characteristic of Main-Shaft Jet Engine Bearing at 3 X 10^6 DN (D) (AC) **L 138**

Crack-Contact Problem
The Crack-Contact and the Free-End Problem for a Strip Under Residual Stress (77-APM-3) **AM 41**

Crack Growth
Analysis of the Tennessee Valley Authority Gallatin No. 2 Unit Turbine Rotor Burst (D) (AC) **MT 283**
The Effect of Specimen Thickness Upon the Fatigue Crack Growth Rate of A516-60 Pressure Vessel Steel (76-PVP-57) **PVT 248**
Fatigue Crack Growth Characteristics of A533 Grade B Class I Plate in an Environment of High-Temperature Primary Grade Nuclear Reactor Water (76-PVP-3) **PVT 238**

Crack Growth Resistance
A J-Integral Approach to Crack Resistance for Aluminum, Steel, and Titanium Alloys **MT 97**

Crack Initiation
Fatigue Lives of Metals up to Crack Initiation **MT 212**

Crack Problems
Crack Problem for a Semi-Infinite Solid With Heated Bounding Surface **AM 637**

Crack Propagation
Applicability of Fracture Mechanics Parameters to Crack Propagation Under Creep Condition **MT 298**
Crack Propagation and Arrest in Pressurized Containers (76-PVP-12) **PVT 90**
Fatigue Crack Propagation in A533B Steels (76-WA/PVP-6) **PVT 459**
Gas Flow in a Permeable Earth Formation Containing a Crack **AM 553**
Near-Threshold Fatigue Crack Propagation in Ultra-High Strength Steel: Influence of Load Ratio and Cyclic Strength **MT 195**
Steady-State Crack Propagation in Pressurized Pipelines (76-PVP-7) **PVT 112**
The Use of Classification Zones for Fatigue Behavior in Steels (76-Mat-Y) **MT 23**

Crack Resistance
A J-Integral Approach to Crack Resistance for Aluminum, Steel, and Titanium Alloys (D) **MT 395**; (AC) **MT 397**

Crack-Tip Behavior
Finite Element Solutions of Crack-Tip Behavior in Small Scale Yielding (D) **MT 186**; (AC) **MT 187**

Crack Tips
Blunting of a Plane Strain Crack Tip Into a Shape With

Vertices **MT 290**
On the Changing Order of Singularity at a Crack Tip (77-WA/APM-15) **AM 625**

Cracks
Asymmetric Branching of Cracks (77-WA/APM-16) **AM 611**
Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) **AM 243**
The Interface Crack **AM 631**
The Linear Magnetoelastic Problem for a Soft Ferromagnetic Elastic Solid With a Finite Crack **AM 47**
A Star-Shaped Array of Curvilinear Cracks in an Infinite Isotropic Elastic Medium **AM 619**
Weakening of an Elastic Solid by a Rectangular Array of Cracks (Er) **AM 190**

Crandall, S. H. *(reviewer)* Application of Elastic Waves in Electrical Devices, Nondestructive Testing, and Seismology (BR) **AM 800**; Direct Variational Methods and Eigenvalue Problems in Engineering (BR) **AM 800**

Crank-Nicholson's Numerical Method
Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (76-Lub-32) **L 331**; (D) (AC) **L 338**

Cravalho, E. G. The Concentration Polarization Effect in Frozen Erythrocytes **BE 65**; Diffusion Transport in a Liquid Solution With a Moving, Semipermeable Boundary **HT 322**; Kinetics of Thermal Injury in Cells **BE 155**

Crecelius, W. J. Performance of 75-Millimeter Bore Arched Outer-Race Ball Bearings (D) **L 352**; (AC) **L 353**

Crede, C. E. *(author)* Shock and Vibration Handbook (BR) **AM 364**

Creep
Creep and Relaxation of Nonlinear Viscoelastic Materials with an Introduction to Linear Viscoelasticity (BR) **AM 364**
The Flexibility of Curved Pipes in Creep (76-WA/PVP-4) **PVT 444**

Creep Analysis
Creep Analysis of Metallic Structures in the Presence of Thermal Gradients Using Newer Constitutive Relations (76-PVP-30) **PVT 272**

Creep Behavior
Creep and Rupture Behavior of Weld-Deposited Type 16-8-2 Stainless Steel at 593°C **MT 159**
On the Structural Behavior of Progressively Mined Solution Cavities in Salt **AM 565**

Creep Conditions
Applicability of Fracture Mechanics Parameters to Crack Propagation Under Creep Condition **MT 298**

Creep Damage
Creep Damage Under Stationary Random Loading (BN) **AM 763**

Creep Deformation
Creep Deformation of 20 Percent Cold Worked Type 316 Stainless Steel **MT 168**
Derivation of Polycrystal Creep Properties From the Creep Data of Single Crystals (77-APM-8) **AM 73**

Creep Fatigue
An Energy-Based Fatigue and Creep-Fatigue Damage Parameter (77-PVP-3) **PVT 524**

Creep-Fatigue Interaction
1976 ASME-MPC Symposium on Creep-Fatigue Interaction (D) (AC) **MT 282–285**

Creep-Fatigue Lives
Application of Strainrange Partitioning to the Prediction of Creep-Fatigue Lives of AISI Types 304 and 316 Stainless Steel (76-PVP-26) **PVT 264**

Creep Phenomena
Effect of *J* on Creep and Relaxation in a Plate With a Central Hole (76-Mat-GG) **MT 76**

Creep Properties
Assessment of Tensile and Creep Data for Types 304 and 316 Stainless Steel (76-PVP-31) **PVT 298**

Creep Temperatures
Prediction of Yield in Ductile Materials Operating at Creep Temperatures (76-WA/GT-11) **P 425**

Creeping Flow
Entrance Correction for Creeping Flow in Short Tubes (TB) **F 778**

Crisp, J. D. C. On the Elastokinematics of the Involute Gear Pair (76-DET-34) **I 648**

Critical Bending Moments
Critical Bending Moment of Circular Cylindrical Tubes (BN) **AM 173**

Critical Excitation
The Critical Excitation of Nonlinear Systems (77-APM-18) **AM 333**

Critical Flow Angle
Influence of Inlet Flow Conditions and Geometries of Centrifugal Vaneless Diffusers on Critical Flow Angle for Reverse Flow **F 98**; (D) **F 102**; (AC) **F 103**

Critical Speeds
On the Transition of a Shaft Through Critical Speeds **DS 48**

Critical Velocity
Critical Velocity for Collapse of Viscoplastic Cylindrical Shells Without Buckling **AM 89**

Crook, J. M. Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) **PVT 187**

Crooker, T. W. The Effect of Specimen Thickness Upon the Fatigue Crack Growth Rate of A516-60 Pressure Vessel Steel (76-PVP-57) **PVT 248**; Enhancement of Fatigue Crack Growth and Fracture Resistance in Ti-6Al-4V and Ti-6Al-6V-2Sn Through Microstructural Modification **MT 313**

Cross Flow
A Brief Review of Flow Induced Vibrations of Tube Arrays in Cross-Flow (76-WA/FE-21) **F 517**
Buoyancy Cross-Flow Effects on Longitudinal Boundary Layer Flow Along a Heated Horizontal Hollow Cylinder (TN) **HT 122**
A Correlating Equation for Forced Convection from Gases and Liquids to a Circular Cylinder in Crossflow **HT 300**
Heat Transfer Coefficients Around Cylinders in Crossflow in Combustor Exhaust Gases (77-GT-9) **P 497**
Heat Transfer from a Cylinder in Crossflow Situated in a Turbulent Pipe Flow **HT 425**
Steady State Temperature Distribution in a Solid Cylinder Moving in the Direction of its Axis Through a Cross-Flow of Hot Gas **HT 668**

Cross-Sectional Areas
Fully Developed Flow and Heat Transfer in Ducts Having Streamwise-Periodic Variations of Cross-Sectional Area **HT 180**

Crosshead Rate
The Effect of Strain Rate Upon the Bending Behavior of Materials (76-Mat-FF) **MT 47**

Crossley, F. R. E. Digital Simulation of Impact Phenomenon in Spur Gear Systems **I 792**

Crowe, C. T. Erosion of a Tube by Gas-Particle Flow (76-WA/Mat-9) **MT 138**; The Particle-Source-In Cell (PSI-CELL) Model for Gas-Droplet Flows **F 325**

Crowley, C. J. Conditions for a Pipe to Run Full When Discharging Liquid Into a Space Filled With Gas **F 405**

Crozier, R., Jr. Mean Temperature Difference in Odd-Tube-Pass Heat Exchangers (TN) **HT 487**

Crumpsty, N. A. The Time Domain of Centrifugal Compressor and Pump Stability and Surge (D) **F 60**; (AC) **F 62**

Crust Growth
Stability of a Submerged Frozen Crust **HT 527**

Cryo-Systems
Free Convection at Supercritical Pressures in Cryo-Fluid Helium-I (76-WA/PID-14) **I 723**

Cryogenic Current Cables
Transient Heat Conduction in Cryogenic Current Cables Following a Loss-of-Coolant Accident (TB) **HT 689**

Cryogenic Process Equipment
The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors (76-WA/PID-15) **I 749**

Crystals
Derivation of Polycrystal Creep Properties From the Creep Data of Single Crystals (77-APM-8) **AM 73**

Cubic Boxes
Elastostatics of Cubic Boxes Subjected to Pressure (77-PVP-9) **PVT 568**

Cuboids
On the Stress Field Due to Initial Strains in a Cuboid Surrounded by an Infinite Elastic Space (77-WA/APM-17) **AM 587**

Cuiffreda, A. R. Fracture Toughness of Heavy-Wall Welded Tankage Steel (MPC-5) **PVT 605**

Culkowski, P. M. Plate Buckling Due to Follower Edge Forces (BN) **AM 768**

Cullom, R. R. Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) **P 645**

Cumpsty, N. A. An Experimental Study of Surge in Centrifugal Compressors (D) **F 125**; (AC) **F 130**; REVIEW—A Critical Review of Turbomachinery Noise **F 278**

Cumulants
Generalized Cumulants Representing a Transient Random Process in a Linear System **DS 103**

Cumulative Fatigue
Cumulative Fatigue by Fracture Mechanics (BN) **AM 769**

Cunningham, R. E. Dynamic Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) **L 101**

Current Cables
Transient Heat Conduction in Cryogenic Current Cables Following a Loss-of-Coolant Accident (TB) **HT 689**

Curve Fitting Techniques
Optimization of Automotive Engine Fuel Economy and Emissions **DS 109**

Curved Beams
Consistent Treatment of Extensional Deformations for the Bending of Arches, Curved Beams and Rings (76-PVP-11) **PVT 2**

Curved Channels
Entry Flow in Straight and Curved Channels With Slender Channel Approximations (77-FE-2) **F 666**; (D) **F 673**; (AC) **F 674**

Curved Ducts
Laminar Incompressible Viscous Flow in Curved Ducts of Regular Cross-Sections **F 640**

Curved Free Streamlines
Stability of a Curved Free Streamline (TB) **F 603**

Curved Liquid Surfaces
High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) **F 396**

Curved Pipes
Elevated Temperature Elastic-Plastic-Creep Test of an Elbow Subjected to In-Plane Moment Loading (76-PVP-64) **PVT 291**
The Flexibility of Curved Pipes in Creep (76-WA/PVP-4) **PVT 444**

Curved Surfaces
The Calculation of Turbulent Boundary Layers on Spinning and Curved Surfaces **F 231**; (D) **F 435, 436**; (AC) **F 437**

Curved Tubes
Heat Transfer in Curved Tubes With Pulsatile, Fully Developed, Laminar Flows **HT 590**

Curves
Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) **I 841**

Curvilinear Cracks
A Star-Shaped Array of Curvilinear Cracks in an Infinite Isotropic Elastic Medium **AM 619**

Cusano, C. Transmissibility Study of a Flexibly Mounted Rolling Element Bearing in a Porous Bearing Squeeze-Film Damper (76-Lub-4) **L 50**

Custer, J. R. Natural Convection in Liquid Metals in an Enclosure (TN) **HT 675**; Thermoconvective Motion of Low Prandtl Number Fluids Within a Horizontal Cylindrical Annulus **HT 596**

Cut-Forming
Cut-Forming: A New Method of Producing Wire (76-WA/Prod-12) **I 225**

Cutter Workpiece
A New Approach to the Analysis of Machine-Tool System Stability Under Working Conditions (76-WA/Prod-11) **I 585**

Cutting
On the Mechanics of Tapping by Cutting (76-WA/Prod-25) **I 257**

Cutting Conditions
Optimization of Cutting Conditions for Multi-Pass Operations Considering Probabilistic Nature in Machining Processes (76-WA/Prod-4) **I 210**
Tool Life Variation and Its Influence on the Development of Tool Life Models (76-WA/Prod-1) **I 578**

Cutting Forces
Matrix Representation and Prediction of Three-Dimensional Cutting Forces **I 828**

Cutting Tools
Influence of Flank Wear on the Stresses in a Cutting Tool (76-WA/Prod-30) **I 566**

Conway, H. D. The Lubrication of a Long, Porous, Flexible Journal Bearing **L 449**

Cutting Processes
High-Speed Films of the Incipient Cutting Process in Machining at Conventional Speeds (76-WA/Prod-26) **I 263**

Cutting Tools
Fracture and Wear as Factors Affecting Stochastic Tool-Life Models and Machining Economics (75-WA/Prod-8) **I 281**
Cycle Strains
A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) **P 391**
Cyclic Axial Loads
Low-Cycle Fatigue Under Out-of-Phase Loading Conditions **MT 222**
Cyclic Life Predictions
Low-Cycle Fatigue of AISI 1010 Steel at Temperatures up to 1200°F (649°C) (76-WA/PVP-3) **PVT 432**
Cyclic Strength
Near-Threshold Fatigue Crack Propagation in Ultra-High Strength Steel: Influence of Load Ratio and Cyclic Strength **MT 195**
Cylinder-to-Cylinder Structures
Analytical and Experimental Stress Analysis of a Cylinder-to-Cylinder Structure (77-PVP-11) **PVT 575**
A Finite Plate Method to Solve Cylinder-to-Cylinder Structures Subjected to Internal Pressure (76-PVP-C) **PVT 404**
Cylinders
Acoustodynamics of the Longitudinal Collinear Impact of Finite Elastic Cylinders (76-WA/DE-19) **I 144**
A Correlating Equation for Forced Convection from Gases and Liquids to a Circular Cylinder in Crossflow **HT 300**
Drag on a Group of Cylinders (76-Pet-42) **PVT 152**
Dynamic Fracture of 6061-T6 Aluminum Cylinders (77-WA/APM-14) **AM 643**
The Effect of Thermal Diffusion on Flow Stability Between Two Rotating Cylinders **L 319**
An Experimental Study of Heat Transfer to Developing Water Film Flow Over Cylinders (TN) **HT 152**
Free Convection Boundary Layers on Cylinders of Elliptic Cross Section **HT 453**
Generalized Hydrodynamic Mass for Beam Mode Vibration of Cylinders Coupled by Fluid Gap (BN) **AM 172**
Heat Transfer Coefficients Around Cylinders in Crossflow in Combustor Exhaust Gases (77-GT-9) **P 497**
Heat Transfer from a Cylinder in Crossflow Situated in a Turbulent Pipe Flow **HT 425**
Inner and Outer Cracks in Internally Pressurized Cylinders (76-PVP-6) **PVT 83**
Lift on a Rotating Porous Cylinder **F 753**
Optimum Design of Ribbon and Wire Wound Cylinders for Metal Forming Dies (76-WA/Prod-28) **I 733**
An Optimum Stepped Piston for Cylinders Working With Compressible Fluid (D) (AC) **F 427**
Organized Fluctuations Due to Flow Past a Square Cross Section Cylinder (76-WA/FE-2) **F 511**
Orthogonality Relations for "End Problem" for Orthotropic Cylinders (BN) **AM 784**
Resistance of a Closely Spaced Row of Cylinders (BN) **AM 177**
REVIEW—Review of Flow Interference Between Two Circular Cylinders in Various Arrangements **F 618**
Stability of a Cluster of Flexible Cylinders in Bounded Axial Flow (77-APM-34) **AM 401**
Steady State Temperature Distribution in a Solid Cylinder Moving in the Direction of its Axis Through a Cross-Flow of Hot Gas **HT 668**
Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) **AM 218**
Stresses Due to Interference Fits in Cylinders with Concentric and Eccentric Holes (Er) **AM 356**
Stresses in Nonhomogeneous Cylindrically Anisotropic Elastic Cylinder (BN) **AM 774**
Torsional Wave Propagation in Inhomogeneous Elastic Cylinders (BN) **AM 355**
Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) **AM 213**
On Wake-Induced Flutter of a Circular Cylinder in the Wake of Another (77-APM-28) **AM 194**
Cylindrical Annulus
Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) **L 224**
Curnier, A. Systems of Finite Elements for Finite Bearings (D) (AC) **L 196**
Cylindrical Cavities
Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) **AM 250**
Cylindrical Coordinates
Heat Conduction in an Anisotropic Medium Homogeneous in Cylindrical Regions—Unsteady State **HT 41**
Cylindrical Glass Honeycomb
Performance Measurements of a Cylindrical Glass Honeycomb Solar Collector Compared With Predictions (76-WA/Sol-3) **HT 169**
Cylindrical Ingots
Continuous Casting of Cylindrical Ingots **HT 29**
Cylindrical Shells
Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) **AM 264**
Buckling of Cylindrical Shells Subjected to Nonuniform Axial Loads (77-WA/APM-12) **AM 714**
Characterization of Fracture in Vessels and Piping (76-WA/PVP-2) **PVT 144**
Critical Velocity for Collapse of Viscoplastic Cylindrical Shells Without Buckling **AM 89**
Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) **AM 112**; (Er) **AM 513**
Experimental Studies on the Buckling Under Axial Compression of Integrally Stringer-Stiffened Circular Cylindrical Shells **AM 721**
Inelastic Behavior of Finite Circular Cylindrical Shells (76-PVP-42) **PVT 31**
Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) **PVT 454**
Limit Design of Perforated Cylindrical Shells per ASME Code **PVT 646**
Response of Fluid-Elastically Coupled Coaxial Cylindrical Shells to External Flow **F 319**
Stress Concentration Around an Elliptic Hole in a Cylindrical Shell Under Torsion With Major Axis of the Hole Perpendicular to the Shell Axis (BN) **AM 184**
The Transient Motion of a Cylindrical Shell of Arbitrary Cross Section in an Acoustic Medium (77-APM-33) **AM 482**
Cylindrical Roller Bearings
A Systems Approach to Determining Actual Misalignment and Load Distribution for Cylindrical Roller Bearings in Commercial Gear Trains (76-LubS-15) **L 41**; (D) **L 46–48**; (AC) **L 49**
Cylindrical Tanks
Instability Analysis of Torispherical Pressure Vessel Heads with Triangular Thin-Shell Finite Elements (76-PVP-33) **PVT 64**
Cylindrical Vapor Bubbles
Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) **HT 392**
Cylindrical Water Drop
High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) **F 396**

D

Dahlman, G. E. Reliability of Railroad Roller Bearings (D) **L 37**; (AC) **L 39**
Dai, C. M. H. The Numerical Inversion of Integral Transforms With Applications (BN) **AM 345**
Daicher, A. W. High Temperature Thermal-Elastic Analysis of Dissimilar Metal Transition Joints (76-Mat-BB) **MT 65**
Dalrymple, J. M. Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) **AM 305**
Dalton, C. Drag on a Group of Cylinders (76-Pet-42) **PVT 152**
Damage Parameters
An Energy-Based Fatigue and Creep-Fatigue Damage Parameter (77-PVP-3) **PVT 524**
Damped Linear Systems
A Theorem on the Free Vibration of Damped Systems (77-APM-6) **AM 132**
Damped Rotor Stability
Finite Element Simulation of Rotor-Bearing Systems With Internal Damping (76-GT-89) **P 71**
Damped Systems
A Modal Analysis for the Damped Linear Gyroscopic Systems **AM 750**
Damping
Analysis of the Stiffness and Damping Characteristics of an Externally Pressurized Porous Gas Journal Bearing **L 295**
Dynamic Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) **L 101**
Dams
Instability of Elastically Suspended Tainter-Gate System Caused by Surface Waves on the Reservoir of a Dam (77-FE-25) **F 699**
Darcy's Law
Transient Non-Darcy Gas Flow in a Finite Porous Bed (TB) **F 779**
Dasgupta, G. An Alternative Representation of the Elastic-Viscoelastic Correspondence Principle for Harmonic Oscillations (77-APM-11) **AM 57**
Daskivich, R. A. *(reviewer)* Engineering Metrology (BR) **L 304**
Das, Y. C. A Mixed Method in Elasticity (76-WA/APM-30) **AM 51**
Data-Based Computer Systems
Data-Based Computer System for Pressure Vessel Design (76-PVP-63) **PVT 337**
Data Dependent Systems
Stochastic Linearization by Data Dependent Systems **DS 221**
Datta, S. K. A Self-Consistent Approach to Multiple Scattering by Elastic Ellipsoidal Inclusions (77-WA/APM-25) **AM 657**
Davidson, J. K. Minimizing Assembly Imbalance in Turbomachine Rotors Made With Toothed Couplings. Locating Component Mass Centers (76-GT-51) **P 189**
Davies, R. G. The Effect of Strain Rate Upon the Bending Behavior of Materials (76-Mat-FF) **MT 47**
Davis, E. A. *(recipient)* 1976 ASME Nadai Award **MT 1**
Davis, L. R. An Analysis of Deep Submerged Multiple-Port Buoyant Discharges (76-WA/HT-19) **HT 648**; (D) (AC) **HT 654**; Transient Heat and Mass Transfer in Soils in the Vicinity of Heated Porous Pipes **HT 541**
Pipes **HT 541**
Dead-Center Positions
Gross Motion Analysis of Planar Linkages With Application to a Geared Five-Bar (76-DET-31) **I 674**
Dean, P. D. On the "In-Situ" Control of Acoustic Liner Attenuation (76-GT-61) **P 63**
Dean, R. C., Jr. An Experimental Study of Surge in Centrifugal Compressors **F 115**; (D) **F 124–130**; (AC) **F 130**; Prior Publication Policy—A Vital Issue (Ed) **F 614**; The Time Domain of Centrifugal Compressor and Pump Stability and Surge **F 53**; (D) **F 59–61**; (AC) **F 62**; Truth in Publication (Ed) **F 270**
Debates
The Emmons-Mark Debate **F 272**
Deceleration Rate Parameters
Deceleration Rate Parameter and Algebraic Prediction of Turbulent Boundary Layer (76-WA/FE-7) **F 390**; (D) (AC) **F 394**
Dechene, R. L. Void Fraction Measurement With a Rotating Electric Field Conductance Gauge (TN) **HT 330**
Deconvolution
On the Improvement of Deconvolution With Digitized Data Using a Runge-Kutta Integration Scheme **DS 190**
DeCorso, S. M. Catalysts for Gas Turbine Combustors—Experimental Test Results (76-GT-4) **P 159**
Decoupling
Decoupling of Undamped Vibration Systems (77-PVP-7) **PVT 553**
De Croos, K. A. Roughness Element Geometry Required for Wind Tunnel Simulations of the Atmospheric Wind (76-WA/FE-18) **F 480**
Deep Diving
An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OCE-1) **BE 45**
Deep Drawing
Assessment of Deep-Drawability and Stretchability by Bulge Test of Concentrically Grooved Metal Disks (76-WA/Prod-14) **I 229**
Deep-Drawing Problem
Numerical Solution of a Deep-Drawing Problem (76-WA/Prod-3) **I 206**
Deep Drawing Processes
Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) **I 685**
Deepfold Heat Exchangers
Effects of Nonuniform Passages on Deepfold Heat Exchanger Performance (76-WA/HT-32) **P 657**
Deep Indentations
Upper Bound of Deep Indentation (TB) **I 804**

Deep-Sea Pipelines
A Note on the Bending of Rods to a Specified Shape (76-WA/OcE-2) **I 456**
Deflection
The Deflection of an Ice Sheet by a Submerged Gas Source **AM 279**
Large Deflection of a Rectangular Plate Resting on a Pasternak-Type Elastic Foundation (BN) **AM 509**
Transverse Vibration of a Uniform Simply Supported Timoshenko Beam Without Transverse Deflection (D) (AC) **AM 362**
Deflection Analysis
Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) **PVT 367**
Deflection Conditions
Fracture in Straight Pipes Under Large Deflection Conditions—Part I: Structural Deformations (76-PVP-9) **PVT 122**; Part II: Pipe Pressures (76-PVP-14) **PVT 128**
Deformation
Deformation and Fracture Mechanics of Engineering Materials (BR) **MT 96**
Deformation Modes
Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) **I 738**
Deformation Processing
Plane Strain Deformation Processing Limits in Unidirectionally Reinforced Composites (TB) **MT 94**
Delale, F. Crack Propagation and Arrest in Pressurized Containers (76-PVP-12) **PVT 90**; The Problem of Internal and Edge Cracks in an Orthotropic Strip **AM 237**
Delameter, W. R. Weakening of an Elastic Solid by a Rectangular Array of Cracks (Er) **AM 190**
Delamination Theory
Delamination Wear of Dispersion-Hardened Alloys (76-WA/Prod-29) **I 289**
De La Paz, A. Fast Burst Reactor Burst Rod Adaptor Failure Analysis (76-WA/Mat-7) **MT 86**
Delay Effects
Delay Effects in a Pressure Vessel Material—5083-O Aluminum (76-WA/PVP-1) **PVT 427**
Del Giudice, S. Thermal Design of Pavement Structures in Seasonal Frost Areas **HT 533**
Delhaye, J. M. *(author)* The Accuracy of Flow Measurements by Laser-Doppler Methods (BR) **DS 220**
deLorenzi, H. G. Design Methodology for Ceramic Structures (77-GT-40) **P 559**
DeLuca, L. B. A Unique Cotton Sliver Drafting System (76-Tex-4) **I 61**
Demeter, J. J. Combustion of Pulverized, Solvent-Refined Coal (76-WA/Fu-6) **P 305**
Demetriades, A. Boundary-Layer Instability Observations at Mach Number 7 **AM 7**
Dendritic Ice
The Effect of Cooling Rate on the Formation of Dendritic Ice in a Pipe With No Main Flow **HT 419**
Den Hartog, J. P. *(reviewer)* Shock and Vibration Handbook (BR) **AM 364**
Denison, E. B. Downhole Measurements Through Modified Drill Pipe (76-Pet-53) **PVT 374**
Density Field Measurements
A Three Dimensional Density Field Measurement of Transonic Flow From a Square Nozzle Using Holographic Interferometry **F 737**; (D) **F 743**; (AC) **F 744**
Density Visualization
Quantitative Density Visualization in a Transonic Compressor Rotor **P 460**
Dentistry
Thermal Stress Effects and Surface Cracking Associated With Laser Use on Human Teeth (77-WA/Bio-3) **BE 189**
Data Dependent Systems
Stiffness of Machine Tool Joints. A Random Process Approach (D) (AC) **I 918**
Deposits
Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (76-WA/CD-1) **P 449**; (D) **P 455**; (AC) **P 458**
Depth Tapers
Transverse Vibrations of Cantilever Beams Having Unequal Breadth and Depth Tapers (77-WA/APM-19) **AM 737**
Derner, W. J. A Systems Approach to Determining Actual Misalignment and Load Distribution for Cylindrical Roller Bearings in Commercial Gear Trains (76-LubS-15) **L 41**; (D) **L 46–48**; (AC) **L 49**
Depooter, K. Direct Measurement of Wall Shear Stress With Mass Transfer in a Low Speed Boundary Layer **F 580**
Deshpande, R. B. Review—Progress in Numerical Turbomachinery Analysis (D) **F 438**; (AC) **F 439**
Design Codes and Standards
Contributions of the ORNL Piping Program to Nuclear Piping Design Codes and Standards **PVT 224**
Design Defects
Failure of a Welded Blower Fan Assembly (76-WA/Mat-2) **MT 83**
Design Equations
Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) **I 116**
Design Methodology
Design Methodology for Ceramic Structures (77-GT-40) **P 559**
Design Optimization
A Note on Small-Scale Design Optimization (TB) **I 915**
Despin Mechanical Assembly (DMA)
Short-Time Torque Investigations on DMA-Bearings (76-Lub-20) **L 65**
Design Philosophy
Design Philosophy of Pressure Vessels for Service Above 10 Ksi (70 MPa) (D) **PVT 383**
Desulfurization
Heavy Section Steel Plates for Reactor Pressure Vessels Produced by Basic Oxygen Process (76-PVP-56) **PVT 314**
Desulfurization Processes
Chemical Cleaning of Coal (76-WA/APC-2) **P 361**
Deterministic Disturbances
Deterministic Disturbance Rejection in Linear Identification (77-WA/Aut-1) (TB) **DS 307**
Deters, O. J. Experimental Investigations of Steady and Pulsatile Laminar Flow in a 90° Branch **AM 372**
Deviation Forces
Deviation Forces Arising from Single Bit Tooth Indentation of an Anisotropic Porous Media (76-Pet-52) **PVT 362**
DeVor, R. E. Tool Life Variation and Its Influence on the Development of Tool Life Models (76-WA/Prod-1) **I 578**
Dhande, S. G. Analytical Design of Cam-Type Angular-Motion Compensators (76-DET-22) **I 381**; (D) (AC) **I 386**
Dhir, V. Dryout Heat Fluxes for Inductively Heated Particulate Beds (75-WA/HT-19) **HT 250**
Dhir, V. K. Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) **HT 411**
Diastolic Ventricular Mechanics
Comparison of Diastolic Ventricular Mechanics for Rigid Leaflet and Caged-Ball Prosthetic Valves **BE 178**
Didlake, J. E. Non-Fourier Melting of a Semi-Infinite Solid **HT 25**
Diercks, D. R. Microstructural Effects in the Low-Cycle Fatigue of Fe-Ni-Cr Austenite **MT 29**
Dies
Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) **I 754**
Diesel Fuel Injection
The Use of Plastic Cold Flow in the Development of an Externally Connected Transducer for Recording Pressure-Time Histories of Diesel Fuel Injection Phenomena and Its Application in Fault Diagnosis (76-DGP-3) **P 274**
Diesel Fuel Spray
An Investigation on the Diffusion of Momentum and Mass of Fuel in a Diesel Fuel Spray (76-DGP-1) **P 225**; (D) **P 235**; (AC) **P 236**
Dietrich, D. E. Pressure Vessels and Piping Computer Program Evaluation and Qualification (PVP-PB-024) **PVT 552**
Difference Equations
Determination of Global Regions of Asymptotic Stability for Difference Dynamical Systems **AM 147**
Differential Producers
Statistical Improvement in Differential Producer Type Flowmeters (76-WA/FM-1) **F 249**
Diffuse Radiant-Energy Exchange
Calculation of Shape Factors Between Rings and Inverted Cones Sharing a Common Axis (TN) **HT 492**
Diffuser Loss-Range System
Estimation of Centrifugal Compressor Stability With Diffuser Loss-Range System **F 76**; (D) **F 81**; (AC) **F 82**
Diffusers
The Effect of Rotor Blade Wakes on Centrifugal Compressor Diffuser Performance—A Comparative Experiment **F 45**; (D) **F 50–52**; (AC) **F 52**
An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers With Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) **F 357**
Prediction of Flow Separation in a Diffuser by a Boundary Layer Calculation (76-WA/FE-6) **F 379**; (D) **F 387**; (AC) **F 388**
Diffusion
An Investigation on the Diffusion of Momentum and Mass of Fuel in a Diesel Fuel Spray (76-DGP-1) **P 225**; (D) **P 235**; (AC) **P 236**
Theory of Superplastic Flow in Two-Phase Materials: Roles of Interphase-Boundary Dislocations, Ledges, and Diffusion **MT 244**
Diffusion Flames
A Theoretical and Experimental Study of Radiation-Convection Interaction in a Diffusion Flame **HT 212**
Diffusion Limitations
Impeller Stalling as Influenced by Diffusion Limitations **F 84**; (D) **F 93–96**; (AC) **F 97**
Diffusion Transport
Diffusion Transport in a Liquid Solution With a Moving, Semipermeable Boundary **HT 322**
Diffusivity
Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique **BE 148**
Digital Computers
Computerized Synthesis of Straight-Line Four-Bar Linkages from Inflection Circle Properties (76-DET-27) **I 610**
Digital Control Algorithms
Microcomputer Implementation of Direct Digital Control Algorithms for Thermal Process Control Applications (77-WA/Aut-4) **DS 233**
Digital Simulation
Control of a Flexibly Mounted Stabilized Platform **DS 174**
Digital Simulation of Impact Phenomenon in Spur Gear Systems **I 792**
Digitized Data
On the Improvement of Deconvolution With Digitized Data Using a Runge-Kutta Integration Scheme **DS 190**
Dil Pare, A. L. The Multiport Lever: A Mechanical Logical Element (D) **I 358**; (AC) **I 359**
Dils, R. R. Heat Transfer Coefficients Around Cylinders in Crossflow in Combustor Exhaust Gases (77-GT-9) **P 497**
Dimentberg's Method
Existence Criteria of Two-Loop Six-Link R-R-C-C-R-C-C Spatial Mechanism (76-DET-38) **I 630**
Di Prima, R. C. *(reviewer)* Stability of Fluid Motions—I (BR) **AM 800**
Direct Digital Control
Microcomputer Implementation of Direct Digital Control Algorithms for Thermal Process Control Applications (77-WA/Aut-4) **D 233**
Directional Emittances
Influence of Substrate Properties on the Apparent Emittance of an Isothermal Isotropically Scattering Medium **HT 208**
Discharge Coefficients
Calculated Orifice Plate Discharge Coefficients at Low Reynolds Numbers (TB) **F 424**; (D) (AC) **F 425**
Discrete-Time Control
Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite Time Settling Controller/Observer (TB) **DS 209**
Discrete Time Stability
Recursive Algorithms for Routh Test in Continuous and Discrete Time **DS 146**
Discrete Time Systems
Comparison of Continuous and Discrete Adaptive Identification Algorithms (TB) **DS 313**
Disks
On a Minimum Weight Disk Design Problem (BN) **AM 506**
Nonaxisymmetric Flow in the Narrow Gap Between a Rotating and a Stationary Disk With an Eccentric Source (TB) **F 418**; (D) (AC) **F 606**
Disk-Scraper System
Bearing Oil Delivery by Disk-Scraper Means (76-Lub-2) **L 174**; (D) (AC) **L 178**
Disk-Type Valves
Numerical Study of the Steady Axisymmetric Flow Through

a Disk-Type Prosthetic Heart Valve in a Constant Diameter Chamber **BE 91**

Dislocations
Theory of Superplastic Flow in Two-Phase Materials: Roles of Interphase-Boundary Dislocations, Ledges, and Diffusion **MT 244**

Dispersion-Hardened Alloys
Delamination Wear of Dispersion-Hardened Alloys (76-WA/Prod-29) **I 289**

Displacement Analysis
Displacement Analysis of Spatial Seven-Link 5R-2P Mechanisms (76-DET-39) **I 692**

Dissimilar Metal Transition Joints
High Temperature Thermal-Elastic Analysis of Dissimilar Metal Transition Joints (76-Mat-BB) **MT 65**

Distributed Contacts
Surface Temperatures in Distributed Contacts. Application to Bearing Design **L 277**

Distributed Systems
System Properties of One-Dimensional Distributed Systems **DS 85**

Distribution Functions
Application of a Class of Distribution Functions to Drop-Size Data by Logarithmic Least-Squares Technique **P 684**

Disturbances
The Near-Field Disturbance Created by a Body in a Stratified Medium With a Free Surface (77-VA/APM-18) **AM 534**

Divergence
Branching Analysis at Coincident Buckling Loads of Nonconservative Elastic Systems (77-APM-30) **AM 317**

Divergent Films
The Dual Action Gas Thrust Bearing—A New High Load Bearing Concept (76-Lub-11) **L 89**

Divergent Flow
On the Calculation of Three-Dimensional Divergent and Rotational Flow in Turbomachines **F 187**; (D) **F 427, 428**; (AC) **F 428**

Diving Respiratory Conditions
An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OCE-1) **BE 45**

Dix, R. C. Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (D) (AC) **I 918**

Djordjevic, N. A. Performance Measurements of a Cylindrical Glass Honeycomb Solar Collector Compared With Predictions (76-WA/Sol-3) **HT 169**

Dog Aorta
Measurements of Velocity Wave Forms in the Dog Aorta (D) **F 262**; (AC) **F 263**; (D) **F 606, 607**; (AC) **F 607**

Dog Legs
Minimizing Casing Wear in Dog Legs (76-Pet-56) **PVT 215**

Domoto, G. A. Free Convection Along A Nonisothermal Vertical Flat Plate (75-WA/HT-15) **HT 72**

Donaghey, L. F. Microcomputer Implementation of Direct Digital Control Algorithms for Thermal Process Control Applications (77-WA/Aut-4) **DS 233**

Donaldson, A. B. Effective Thermal Diffusivity for a Multimaterial Composite Laminate (75-WA/HT-90) **HT 466**

Donaldson, I. S. A Preliminary Study of Flow and Acoustic Phenomena in Tube Banks (77-FE-7) **F 681**

Donath, M. Feasibility of an Active Control Scheme for Above Knee Prostheses (77-WA/Bio-8) **78 BE 215**

Doran, A. L. Periodic Motion of Vehicles on Flexible Guideways **DS 268**

Double Cantilever Beams
Further Dynamic Finite Element Analysis of the Tapered DCB Specimen **MT 324**

Doubly Regenerative Stability
On The Doubly Regenerative Stability of a Grinder: The Combined Effect of Wheel and Workpiece Speed (D) (AC) **I 921**

Doughty, S. Sensitivity of Torsional Natural Frequencies (76-WA/DE-18) **I 142**; Torsional Amplitude Growth With Resonant Forcing (76-WA/DE-20) **I 151**

Down, B. Transverse Vibrations of Cantilever Beams Having Unequal Breadth and Depth Tapers (77-WA/APM-19) **AM 737**

Downhole Measurements
Downhole Measurements of Thermal Conductivity in Geothermal Reservoirs (77-Pet-23) **PVT 607**

Downhole Telemetry Sytstems
Downhole Measurements Through Modified Drill Pipe (76-Pet-53) **PVT 374**

Downward Flow
Heat Transfer to Water in Downward Flow in a Uniform Wall Temperature Vertical Tube at Low Graetz Numbers **HT 586**

Dowson, D. *(editor)* Cavitation and Related Phenomena in Lubrication (BR) **L 136**; Isothermal Elastohydrodynamic Lubrication of Point Contacts: Part III—Fully Flooded Results (76-Lub-30) **L 264**; (D) **L 275**; (AC) **L 276**; Part IV—Starvation Results (76-Lub-31) **L 15**; *(recipient)* Melville Medal **L 179**; Men of Tribology **L 382**

Dow, T. A. Experimental Verification of Thermoelastic Instabilities in Sliding Contact (76-Lub-21) **L 359**; (D) **L 364**

Doyle, G. R., Jr. Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) **I 841**; Hunting Stability of Rail Vehicles With Torsionally Flexible Wheelsets (75-WA/RT-2) **I 10**

Drafting
A Unique Cotton Sliver Drafting System (76-Tex-4) **I 61**

Drag Coefficients
Vortex Excited Oscillations of Yawed Circular Cylinders (76-WA/FE-16) **F 495**; (D) **F 501**; (AC) **F 502**

Drag Braking
Analysis of Thermal Stresses and Residual Stress Changes in Railroad Wheels Caused by Severe Drag Braking (75-WA/RT-3) **I 18**

Drag Forces
Drag on a Group of Cylinders (76-Pet-42) **PVT 152**

Dransfield, P. Predicting Response of a Proposed Hydraulic Control System Using Bond Graphs **DS 1**

Draper, A. B. Fluidic Thermistors or Fluidic Temperature Sensing With Capillaries (D) (AC) **P 411**

Drawability
On the Drawability of Sheet Metal in Noncircular Cups (76-WA/Prod-2) **I 615**

Drawing Processes
The Frictional Mechanism on the Surface of Metal Being Plastically Deformed by Drawing (76-WA/Prod-22) **I 242**

Drenick, R. F. The Critical Excitation of Nonlinear Systems (77-APM-18) **AM 333**

Drift Loss Predictions
Thermal Performance Models and Drift Loss Predictions for a Spray Cooling System **HT 274**

Drill Bits
Geothermal Drill Bit Improvement—Specific Application to the Geysers (77-Pet-67) **PVT 619**
Seals for Geothermal Roller Drill Bits (77-Pet-53) **PVT 614**

Drill Collars
Field Application of Externally Stress-Relieved Drill Collars (76-Pet-39) **PVT 149**

Drill Pipe Protectors
An Experimental Evaluation of Drill Pipe Protectors (76-Pet-47) **PVT 199**
Minimizing Casing Wear in Dog Legs (76-Pet-56) **PVT 215**

Drill Pipes
Downhole Measurements Through Modified Drill Pipe (76-Pet-53) **PVT 374**

Drill Strings
Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) **PVT 367**

Drill Wear
Sensing of Drill Wear and Prediction of Drill Life (76-WA/Prod-33) **I 295**

Drilling Mud Rheology
Prediction of Drilling Mud Rheology Using a Simplified Herschel-Bulkley Model **PVT 485**

Driven Flow
Laminar Incompressible Recirculating Flow in a Driven Cavity of Polar Cross Section (TB) **F 774**

Driving Torque
The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) **I 715**

Droplet Size Distributions
The Effect of Heat Transfer Coefficient, Local Wet Bulb Temperature and Droplet Size Distribution Function on the Thermal Performance of Sprays **HT 381**

Drop-Size Data
Application of a Class of Distribution Functions to Drop-Size Data by Logarithmic Least-Squares Technique **P 684**

Drop-Size Distributions
The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays—Part I: The Drop-Size/Volume-Fraction Distribution (76-WA/GT-9) **P 309**; Part II: The Drop-Size/Number Distribution (76-WA/GT-10) **P 315**

Drop Surfaces
Transient Heat and Mass Transfer to a Drop in an Electric Field (76-WA/HT-43) **HT 269**

Dropwise Condensation
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) **P 385**

Dry Ice
Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) **HT 411**

Drying
The Influence of Drying and Stress on the Permeability of Texas Lignite (77-Pet-26) **PVT 634**

Dryout Heat Fluxes
Dryout Heat Fluxes for Inductively Heated Particulate Beds (75-WA/HT-19) **HT 250**

Drzewiecki, T. M. Fluidic Thermistors or Fluidic Temperature Sensing With Capillaries (76-WA/TM-1) **P 406**; (D) (AC) **P 411**

Dual Action Bearings
The Dual Action Gas Thrust Bearing—A New High Load Bearing Concept (76-Lub-11) **L 89**

Dual-Stream Functions
On the Solution of Three-Dimensional Metal-Forming Processes (76-WA/Prod-17) **I 624**

Dubowsky, S. Design and Analysis of Multilink Flexible Mechanisms With Multiple Clearance Connections (76-DET-9) **I 88**; An Improved Symbolic Manipulation Technique for the Simulation of Nonlinear Dynamic Systems With Mixed Time-Varying and Constant Terms **DS 157**; Mechanisms as Components of Dynamic Systems: A Bond Graph Approach (76-DET-21) **I 104**; (Er) **I 492**

Duct Flow
Laminarization in Low Reynolds Number Turbulent Duct Flows (TN) **HT 682**
Properties of Wall Shear Stress Fluctuations in a Turbulent Duct Flow **AM 389**
Relationships Among Boundary Conditions and Nusselt Numbers for Thermally Developed Duct Flows (TN) **HT 483**

Ductile Fracture
Blunting of a Plane Strain Crack Tip Into a Shape With Vertices **MT 290**
A Fracture Criterion for Porous Materials and Its Application to the Shape of Sintered Preforms in Forging **MT 16**

Ductile Materials
Prediction of Yield in Ductile Materials Operating at Creep Temperatures (76-WA/GT-11) **P 425**

Ductile Rupture
Continuum Theory of Ductile Rupture by Void Nucleation and Growth: Part I—Yield Criteria and Flow Rules for Porous Ductile Media (76-Mat-CC) **MT 2**

Ductility
Residual Ductility and Residual Stresses in Formed Heads (77-PVP-13) **PVT 593**

Ducts
Application of Schwarz-Neumann Technique to Fully Developed Laminar Heat Transfer in Noncircular Ducts (TN) **HT 332**
Effect of Upstream Flow Processes on Hydrodynamic Development in a Duct **F 558**
Forced Convection Within Straight Noncircular Ducts (TN) **HT 485**
Fully Developed Flow and Heat Transfer in Ducts Having Streamwise-Periodic Variations of Cross-Sectional Area **HT 180**
Laminar Incompressible Viscous Flow in Curved Ducts of Regular Cross-Sections **F 640**
A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (D) (AC) **F 784**
Numerical Computation of Flow in Rotating Ducts (76-FE-25) **F 148**; (D) **F 433, 434**; (AC) **F 434, 435**
The Numerical Prediction of the Turbulent Flow and Heat Transfer in the Entrance Region of a Parallel Plate Duct (D) **HT 347**; (AC) **HT 349**; (D) **HT 693**; (AC) **HT 694**
Steady and Unsteady Flow in Noncircular Straight Ducts **AM 1**
Velocity Distribution in an Abruptly Expanding Circular Duct **F 226**; (D) (AC) **F 606**

Duct Walls
An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers With Gauzes to Achieve

Uniform Outlet Velocity Profiles (76-WA/FE-3) **F 357**

Duffy, J. Displacement Analysis of Spatial Seven-Link 5R-2P Mechanisms (76-DET-39) **I 692**

Dugundji, J. *(reviewer)* Resonance Oscillations in Mechanical Systems (BR) **AM 365**

Dukkipati, R. V. On the Design of Bolted Connections With Gaskets Subjected to Fatigue Loading (76-DET-57) **I 388**; (D) (AC) **I 393**; Existence Criteria of Two-Loop Six-Link R-R-C-C-R-C-C Spatial Mechanism (76-DET-38) **I 630**; Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) **I 124**

Dumbbell Pipe Configuration
Fracture in Straight Pipes Under Large Deflection Conditions—Part II: Pipe Pressures (76-PVP-14) **PVT 128**

Dundurs, J. Elastic Interface Waves Involving Separation (77-APM-26) **AM 222**

duPlessis, M. P. In-Vitro and Predicted In-Vivo Performances of a Pneumatically Regulated Artificial Ventricle **BE 83**; Model of a Sac-Type Artificial Ventricle in Mock Circulation **BE 33**

Durban, D. Buckling of Cylindrical Shells Subjected to Nonuniform Axial Loads (77-WA/APM-12) **AM 714**; A Simple Bound on the Asymptotic Pressure in a Spherical Cavity, Surrounded by an Infinite Elasto-Plastic Medium (BN) **AM 507**

Durelli, A. J. Elastostatics of Cubic Boxes Subjected to Pressure (77-PVP-9) **PVT 568**; Harmonic Holes—An Inverse Problem in Elasticity (D) **AM 187**; (AC) **AM 188**; Surface Integral Method Applied to the Problems of an Elastic Strip With Periodically Spaced Holes (D) **AM 362**; (AC) **AM 363**

Durst, F. *(author)* The Accuracy of Flow Measurements by Laser-Doppler Methods (BR) **DS 220**; Principles and Practice of Laser-Doppler Anemometry (BR) **AM 518**

Dussourd, J. L. An Experimental Investigation of the Control of Surge in Radial Compressors Using Close Coupled Resistances **F 64**; (D) **F 74**; (AC) **F 75**; Impeller Stalling as Influenced by Diffusion Limitations (D) **F 95**; (AC) **F 97**

Dutton, J. L. Friction Factor for Isothermal and Nonisothermal Flow Through Porous Media **HT 367**

Duvaut, G. *(author)* Inequalities in Mechanics and Physics (BR) **AM 364**

Dym, C. L. Buckling of Supported Arches Under Three Pressure Distributions (BN) **AM 764**

Dynamic Absorbers
Design of a Viscoelastic Dynamic Absorber for Machine Tool Applications (76-WA/Prod-20) **I 620**

Dynamic Analysis
An Approximate Method for the Dynamic Analysis of Elastic Linkages (76-DET-49) **I 449**
A Numerical Method for the Dynamic Analysis of Mechanical Systems in Impact (76-DET-1) **I 665**
Static and Dynamic Analysis of Capillary Compensated Hydrostatic Journal Bearings by Finite Element Method **L 478**

Dynamic Axial Shear
A Note on Dynamic Axial Shear of a Compressible Hyperelastic Solid (BN) **AM 342**

Dynamic Bending
The Inelastic Deformation of Pressurized Stainless Steel Tubes Under Dynamic Bending and Torsional Loading (76-PVP-24) **PVT 258**

Dynamic Contact
An Exact Solution for the Superseismic Stage of Dynamic Contact Between a Punch and an Elastic Body **AM 583**

Dynamic Cutting
Experimental Investigation of the Characteristics of Dynamic Cutting Process (76-Prod-A) **I 410**

Dynamic Data System
Dynamic Data System: A New Modeling Approach (76-WA/Prod-24) **I 708**

Dynamic Excitation
On the Dynamic Expansion of a Circular Hole in an Infinite Plate (77-WA/APM-21) **AM 577**
Recursive Least-Squares Time Domain Identification of Structural Parameters **AM 135**

Dynamic Fracture
Dynamic Fracture of 6061-T6 Aluminum Cylinders (77-WA/APM-14) **AM 643**
Effect of Axial Force of Dynamic Fracture of a Beam or Plate in Pure Bending (77-WA/APM-22) **AM 647**

Dynamic Interactions
Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) **DS 23**

Dynamic Loading
Static and Dynamic Stress Intensity Factors by the Method of Transmitted Caustics **MT 105**

Dynamic Optimization
The Use of a Random Algorithm for Dynamic Optimization of Mechanisms (76-WA/DE-22) **I 153**

Dynamic Plasticity
Implicit and Explicit Computational Schemes in Dynamic Plasticity (76-PVP-8) **PVT 394**

Dynamic Plastic Response
Dynamic Plastic Response of an Immersed Pipe (77-PVP-8) **PVT 563**

Dynamic Response
Further Dynamic Finite Element Analysis of the Tapered DCB Specimen **MT 324**
Predicting Response of a Proposed Hydraulic Control System Using Bond Graphs **DS 1**

Dynamic Simulation
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (D) (AC) **I 918**

Dynamic Stability
Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) **AM 112**; (Er) **AM 513**
Dynamic Stability of a Two-Stage Gear Train Under the Influence of Variable Meshing Stiffnesses **I 785**
On the Dynamic Stability of Self-Aligning Journal Gas Bearings **L 434**

Dynamic Stiffness
Dynamic Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) **L 101**

Dynamic Systems
An Improved Symbolic Manipulation Technique for the Simulation of Nonlinear Dynamic Systems With Mixed Time-Varying and Constant Terms **DS 157**
Mechanisms as Components of Dynamic Systems: A Bond Graph Approach (76-DET-21) **I 104**; (D) (AC) **I 509**; (Er) **I 492**
Performance Standards in Dynamics **DS 118**

Dynamic Thermoelasticity
Dynamic Problems of Thermoelasticity (BR) **AM 366**

Dynamic Vibration Absorbers
Optimal Cantilever Dynamic Vibration Absorbers (76-WA/DE-17) **I 138**

Dynamical Physical Systems
Simulation of Bond Graphs on Minicomputers **DS 9**

Dynamical Systems
Determination of Global Regions of Asymptotic Stability for Difference Dynamical Systems **AM 147**
On Optimal Control Laws for a Class of Constrained Dynamical Systems (With Application to Control of Bipedal Locomotion) **DS 98**

Dynamics
Applied Mechanics: More Dynamics (BR) **DS 70**

E

Earles, S. W. E. A Determination of Contact-Loss at a Bearing of a Linkage Mechanism (76-DET-43) **I 375**; (D) **I 379**; (AC) **I 380**

Early, J. G. Elevated-Temperature Mechanical Behavior of a Carbon-Manganese Pressure Vessel Steel **MT 359**

Early-Time Heat Transfer
Analysis of Early-Time Transient Heat Conduction by Method of Characteristics **HT 35**

Eccentric Boundaries
Transverse Vibration of a Plate Having an Eccentric Inner Boundary (BN) **AM 165**

Eccentric Holes
Stresses Due to Interference Fits in Cylinders with Concentric and Eccentric Holes (Er) **AM 356**

Eccentric Rotating Shafts
On the Transition of a Shaft Through Critical Speeds **DS 48**

E. R. G. Eckert Film Cooling With Large Density Difference Between the Mainstream and the Secondary Fluid Measured by the Heat-Mass Transfer Analogy **HT 620**

Ecoff, R. A., Jr. The 1977 Edition of Section VIII, Pressure Vessels, Divisions 1 and 2 **PVT 380**

Edgar, T. F. The Influence of Drying and Stress on the Permeability of Texas Lignite (77-Pet-26) **PVT 634**

Edge Beams
Vibration and Stability of Spinning Annular Plates Reinforced With Edge Beams (BN) **AM 499**

Edge Conditions
Free-Vibration Analysis of Rectangular Plates With Clamped-Simply Supported Edge Conditons by the Method of Superposition **AM 743**

Edge-Cracked Plates
Stress Intensity Factors in Edge-Cracked Plates Subjected to Transient Thermal Singularities (76-PVP-38) **PVT 100**

Edge Cracks
Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) **AM 250**
Fully Plastic Asymmetric Edge Crack Under Longitudinal Shear (77-APM-15) **AM 255**
The Problem of Internal and Edge Cracks in an Orthotropic Strip **AM 237**

Edge Dislocations
The Elastic Energy of Interacting Edge Dislocations in an Infinite Array (77-WA/APM-20) **AM 595**

Edge Effect Influence
Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) **AM 305**

Edge Effects
Three-Dimensional Elasticity Solution and Edge Effects in a Spherical Dome (77-WA/APM-26) **AM 599**

Edge Forces
Plate Buckling Due to Follower Edge Forces (BN) **AM 768**

Edge Moments
Finite Deflections of Unsymmetric Angle-Ply Anisotropic Rectangular Plate Under Edge Moments (BN) **AM 171**

Edge Notches
On Solution of a Semicircular Edge Notch (BN) **AM 494**

Edge-Riser Orienting Device
Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 2: Vibratory-Bowl Feeding Systems (76-WA/Prod-39) **I 308**

Editorials
Prior Publication Policy—A Vital Issue **F 614**
Uncertainty of Numerical Methods **F 2**
On Unity of the Profession (Ed) **D 17**
Why A Journal of Biomechanical Engineering? **BE 1**

Edwards, D. K. Effect of Molecular Gas Radiation on a Planar, Two-Dimensional, Turbulent-Jet-Diffusion Flame (76-HT-54) **HT 221**; Effect of Tilt and Horizontal Aspect Ratio on Natural Convection in a Rectangular Honeycomb (TN) **HT 120**

Effective Thermal Diffusivity
Effective Thermal Diffusivity for a Multimaterial Composite Laminate (75-WA/HT-90) **HT 466**

Ehrlich, L. W. Forced Convection Within Straight Noncircular Ducts (TN) **HT 485**

Eichhorn, R. A Method for the Construction of Flow Nozzles and Wind Tunnel Contraction Sections (TB) **F 772**

Eigenstrain Distributions
The Elastic Field Outside an Ellipsoidal Inclusion (77-WA/APM-29) **AM 591**

Eigenvalue Problems
Direct Variational Methods and Eigenvalue Problems in Engineering (BR) **AM 800**
Godunov-Conte Method for Solution of Eigenvalue Problems and Its Applications (BN) **AM 776**

Eimermacher, J. P. Thermal Stresses Induced into Two Plane Strain Sectors Having Different Material Properties (76-PVP-36) **PVT 26**

Eisenberg, G. M. Guide to Butt Joint Factors Based on Radiographic Examination in Accordance with UW-11 and UW-12 of Section VIII, Division 1 **PVT 231**

Elastic Bodies
An Exact Solution for the Superseismic Stage of Dynamic Contact Between a Punch and an Elastic Body **AM 583**

Elastic Constants
Temperature Dependences of the Elastic Constants of Precipitation-Hardened Aluminum Alloys 2014 and 2219 **MT 181**

Elastic Cylinders
Acoustodynamics of the Longitudinal Collinear Impact of Finite Elastic Cylinders (76-WA/DE-19) **I 144**
Stresses in Nonhomogeneous Cylindrically Anisotropic Elastic Cylinder (BN) **AM 774**
Torsional Wave Propagation in Inhomogeneous Elastic Cylinders (BN) **AM 355**

Elastic Ellipsoidal Inclusions
A Self-Consistent Approach to Multiple Scattering by Elastic Ellipsoidal Inclusions (77-WA/APM-25) **AM 657**
Elastic Energy
The Elastic Energy of Interacting Edge Dislocations in an Infinite Array (77-WA/APM-20) **AM 595**
Elastic Fields
The Elastic Field Outside an Ellipsoidal Inclusion (77-WA/APM-29) **AM 591**
Elastic Foundations
Large Deflection of a Rectangular Plate Resting on a Pasternak-Type Elastic Foundation (BN) **AM 509**
Submarine Pipeline Analysis With an Elastic Foundation by the Finite Element Method (76-WA/OcE-5) **I 480**
Elastic Half Space
Forced Vibrations of a Mass Connected to an Elastic Half Space by a Spring (BN) **AM 788**
Impact of a Rigid Body on an Elastic Half Space **AM 227**
Elastic Instability
Instability Analysis of Torispherical Pressure Vessel Heads with Triangular Thin-Shell Finite Elements (76-PVP-33) **PVT 64**
Elastic Interface Waves
Elastic Interface Waves Involving Separation (77-APM-26) **AM 222**
Elastic Layers
The Contact Problem for a Rigid Cylinder Pressed Between Two Elastic Layers (76-APM-QQ) **AM 36**
Elastic Linkages
An Approximate Method for the Dynamic Analysis of Elastic Linkages (76-DET-49) **I 449**
Elastic Links
Design and Analysis of Multilink Flexible Mechanisms With Multiple Clearance Connections (76-DET-9) **I 88**
Elastic Media
Inverse Solutions for One-Dimensional Seismic Waves in Elastic, Inhomogeneous Media **AM 469**
Point Force Solution for an Infinite Transversely Isotropic Solid (D) **AM 514**; (AC) **AM 515**
A Star-Shaped Array of Curvilinear Cracks in an Infinite Isotropic Elastic Medium **AM 619**
Elastic Moduli
The Elastic Moduli of a Fiber-Reinforced Composite (76-APM-RR) **AM 61**; (D) **AM 791**; (AC) **AM 792**; (Er) **AM 803**
Elastic-Perfectly Plastic Models
Accuracies of Numerical Solution Methods for the Elastic-Perfectly Plastic Model (77-PVP-1) **PVT 510**
Elastic-Plastic Analysis
Elastic-Plastic Analysis of a Radially Stressed Annular Plate (BN) **AM 167**
Elastic-Plastic Continua
Quasi-Bifurcation in Dynamics of Elastic-Plastic Continua (77-WA/APM-3) **AM 413**
Elastic-Plastic Creep Behavior
Elevated Temperature Elastic-Plastic-Creep Test of an Elbow Subjected to In-Plane Moment Loading (76-PVP-64) **PVT 291**
Elastic-Plastic Response
Elastic-Plastic Response of Simply Supported 1018 Steel Beams to Impulse Loads (BN) **AM 779**
Elastic Rods
Dynamic Response of Elastic Rods Under Parametric Excitations (76-DE-G) **I 41**
Elastic Solids
The Linear Magnetoelastic Problem for a Soft Ferromagnetic Elastic Solid With a Finite Crack **AM 47**
A Parabolic Theory of Stress Wave Propagation Through Inhomogeneous Linearly Elastic Solids **AM 462**
Simplified Solution for Elliptical-Contact Deformation Between Two Elastic Solids (TB) **MT 485**
Weakening of an Elastic Solid by a Rectangular Array of Cracks (Er) **AM 190**
Elastic Space
On the Stress Field Due to Initial Strains in a Cuboid Surrounded by an Infinite Elastic Space (77-WA/APM-17) **AM 587**
Elastic Stress Analysis
Three-Dimensional Analysis of an Elastic Plate-Cylinder Intersection by the Boundary-Point-Least-Squares Technique (76-PVP-34) **PVT 17**
Elastic Stress Concentration
Long-Life Notch Strength Reduction Due to Local Biaxial State of Stress **MT 215**
Elastic Strips
The Plane Symmetric Contact Problem for Dissimilar Elastic Semi-Infinite Strips of Different Widths (77-WA/APM-13) **AM 604**
Surface Integral Method Applied to the Problems of an Elastic Strip With Periodically Spaced Holes (D) **AM 362**; (AC) **AM 363**
Elastic Supports
Vibrations and Dynamic Response of Viscoelastic Plates on Nonperiodic Elastic Supports (76-DE-H) **I 404**
Elastic Systems
Branching Analysis at Coincident Buckling Loads of Nonconservative Elastic Systems (77-APM-30) **AM 317**
Elastic-Viscoelastic Correspondence Principle
An Alternative Representation of the Elastic-Viscoelastic Correspondence Principle for Harmonic Oscillations (77-APM-11) **AM 57**
Elastic/Viscoplastic Materials
Analysis of Combined Pressure-Shear Waves in an Elastic/Viscoplastic Material **AM 79**
Elastic Waves
Application of Elastic Waves in Electrical Devices, Nondestructive Testing, and Seismology (BR) **AM 800**
An Approximate Method of Analysis of the Transmission of Elastic Waves Through a Frictional Boundary **AM 652**
Elasticity
The Elasticity of Sclera and Choroid of the Human Eye, and Its Implications on Scleral Rigidity and Accommodation **BE 203**
Equivalence of Finite Elements for Nearly Incompressible Elasticity (BN) **AM 181**
Harmonic Holes—An Inverse Problem in Elasticity (D) **AM 187**; (AC) **AM 188**
A Mixed Method in Elasticity (76-WA/APM-30) **AM 51**; (D) **AM 790**; (AC) **AM 791**
Saint-Venant's Principle and End Effects in Anisotropic Elasticity (77-WA/APM-11) **AM 424**
Elasticity Solutions
Three-Dimensional Elasticity Solution and Edge Effects in a Spherical Dome (77-WA/APM-26) **AM 599**
Elastodynamic Analysis of a Completely Elastic System (76-DET-32) **I 604**
Elastodynamic Analysis
Elastodynamic Analysis of a Completely Elastic System (76-DET-32) **I 604**
Elastodynamics
Accurate Transform Inversion in the Elastodynamics of Heterogeneous Media (BN) **AM 352**; (Er) **AM 513**
Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) **AM 243**
Hamiliton, Ritz, and Elastodynamics (D) (AC) **AM 796**
Elastohydrodynamic Contact
Effects of Load, Speed, and Surface Roughness on Sliding EHD Contact Temperatures (76-Lub-23) **L 254**; (D) **L 261**; (AC) **L 262**
On Some Starvation Phenomena in Fluid Films **L 441**
Elastohydrodynamic Inlet Zones
A Microcontinuum Theory for the Elastohydrodynamic Inlet Zone (76-Lub-19) **L 24**
Elastohydrodynamic Lubrication
Isothermal Elastohydrodynamic Lubrication of Point Contacts: Part III—Fully Flooded Results (76-Lub-30) **L 264**; (D) **L 275**; (AC) **L 276**; Part IV—Starvation Results (76-Lub-31) **L 15**
Elastohydrodynamics
Calculation of Surface Deformation in Point Contact EHD **L 313**
Elastokinematics
On the Elastokinematics of the Involute Gear Pair (76-DET-34) **I 648**
Elasto-Plastic Media
A Simple Bound on the Asymptotic Pressure in a Spherical Cavity, Surrounded by an Infinite Elasto-Plastic Medium (BN) **AM 507**
Elastostatic Problems
Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) **AM 250**
Elastostatics
Elastostatics of Cubic Boxes Subjected to Pressure (77-PVP-9) **PVT 568**
El-Baz, H. S. Influence of Substrate Properties on the Apparent Emittance of an Isothermal Isotropically Scattering Medium **HT 208**
Elbestawi, M. A. A. Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) **I 766**
Elbow Pipes
Elevated Temperature Elastic-Plastic-Creep Test of an Elbow Subjected to In-Plane Moment Loading (76-PVP-64) **PVT 291**
Eldighidy, S. M. Deposition of Suspensions in the Entrance of a Channel (76-WA/Flcs-13) **F 365**; (D) (AC) **F 370**
Electric Fields
Transient Heat and Mass Transfer to a Drop in an Electric Field (76-WA/HT-43) **HT 269**
Electric Power Plants
Optimum Concentration Ratio for a Solar Central-Receiver Electric Power Plant (TB) **P 490**
Electric Power Systems
Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) **P 399**; (D) **P 404**; (AC) **P 405**
Electrical Devices
Application of Elastic Waves in Electrical Devices, Nondestructive Testing, and Seismology (BR) **AM 800**
Electrical Impedance Techniques
Void Fraction Measurement With a Rotating Electric Field Conductance Gauge (TN) **HT 330**
Electro-Discharge Machining
Investigation of Surface Temperature in Electro-Discharge Machining (76-WA/Prod-8) **I 682**
Electrohydraulic Stepping Motor
Dynamics of an Electrohydraulic Stepping Motor (TB) **DS 63**
Electromechanical Cables
Cable Kinking Analysis and Prevention (76-WA/DE-4) **I 112**
Electromechanical Transducers
A Motion Transducer for Use in the Intact In-Vitro Human Lumbar Spine **BE 160**
Electron Beam Welding
Investigation of Spiking in Electron Beam Welding Using Stationary Stochastic Models (76-WA/Prod-10) **I 323**
Electroslag-Remelted Materials
Fatigue Crack Propagation in A533B Steels (76-WA/PVP-6) **PVT 459**
Elementary Beams
Timoshenko Beam Theory Is Not Always More Accurate Than Elementary Beam Theory (D) **AM 357-359**; (AC) **AM 359**
Elementary Beam Theory
Timoshenko Beam Theory Is Not Always More Accurate Than Elementary Beam Theory (BN) **AM 337**; (D) **AM 797, 798**; (AC) **AM 799**
Elementary Duct Acoustics
REVIEW—A Critical Review of Turbomachinery Noise **F 278**
Elevated Temperatures
Effect of Hold-Time on Elevated Temperature Fatigue Crack Propagation in Types 304 and 316 Stainless Steels (D) (AC) **MT 282**
Low-Cycle Fatigue of AISI 1010 Steel at Temperatures up to 1200°F (649°C) (76-WA/PVP-3) **PVT 432**
Low Cycle Fatigue of Two Austenitic Alloys in Hydrogen Gas and Air at Elevated Temperatures (D) **MT 282**; (AC) **MT 283**
The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) **PVT 192**
Elishakoff, I.-I Godunov-Conte Method for Solution of Eigenvalue Problems and Its Applications (BN) **AM 776**
Ellen, C. H. The Stability of an Isolated Rectangular Surface Embedded in Uniform Subsonic Flow **AM 201**
Elevated Temperature Environments
Prediction of Yield in Ductile Materials Operating at Creep Temperatures (76-WA/GT-11) **P 425**
Elevated Temperatures
Elevated-Temperature Mechanical Behavior of a Carbon-Manganese Pressure Vessel Steel **MT 359**
Representation of Elevated-Temperature Tensile Behavior of Type 304 Stainless Steel in a Sodium Environment **MT 366**
Strain Rate Effects on the Elevated-Temperature Tensile Behavior of a Bainitic 2 1/4 Cr-1 Mo Steel **MT 350**
Elliott, J. L. The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) **I 715**
Ellipse-Shaped Punch
On the Solution of Three-Dimensional Metal-Forming Processes (76-WA/Prod-17) **I 624**
Ellipsoidal Heads
Nonsymmetric Buckling of Internally Pressurized Ellipsoidal and Torispherical Elastic-Plastic Pressure Vessel Heads (76-PVP-25) **PVT 54**

Ellipsoidal Inclusion
The Elastic Field Outside an Ellipsoidal Inclusion (77-WA/APM-29) **AM 591**
Elliptic Airfoils
The Response of Nonlifting Airfoils to Streamwise Gusts **F 213**
Elliptic Cross Sections
Free Convection Boundary Layers on Cylinders of Elliptic ross Section **HT 453**
Elliptic Dies
Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) **I 754**
Elliptic Holes
Effect of Thickness on the Stresses in a Plate With an Elliptic Hole (76-DE-F) **I 401**
Stress Concentration Around an Elliptic Hole in a Cylindrical Shell Under Torsion With Major Axis of the Hole Perpendicular to the Shell Axis (BN) **AM 184**
Stresses Around a Rib-Reinforced Elliptic Hole in a Circular Cylindrical Shell Under Tension (76-PVP-13) **PVT 12**
Elliptic Inclusions
Antiplane Strain Problems of an Elliptic Inclusion in an Anisotropic Medium **AM 437**
Elliptic Notch Problem
Experimental Investigation of the Angled Elliptic Notch Problem in Tension (77-WA/APM-6) **AM 455**
Elliptical-Contact Deformation
Simplified Solution for Elliptical-Contact Deformation Between Two Elastic Solids (TB) **MT 485**
Ellis, J. A Note on Small-Scale Design Optimization (TB) **I 915**
Elrod, H. G., Jr. Free Convection Along A Nonisothermal Vertical Flat Plate (75-WA/HT-15) **HT 72**
El-Shaarawi, M. A. I. Quasi-Three-Dimensional Numerical Solution of Flow in Turbomachines (76-FE-23) **F 132**
El-Sherbiny, S. E. A Free-Streamline Model for Bluff Bodies in Confined Flow **F 585**
Emery, A. F. Corner Crack at the Bore of a Rotating Disk (Er) **P 96**; Fracture in Straight Pipes Under Large Deflection Conditions—Part I: Structural Deformations (76-PVP-9) **PVT 122**; Part II: Pipe Pressures (76-PVP-14) **PVT 128**; Further Dynamic Finite Element Analysis of the Tapered DCB Specimen **MT 324**; Inner and Outer Cracks in Internally Pressurized Cylinders (76-PVP-6) **PVT 83**; A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (77-FE-4) **F 347**; Stress Intensity Factors in Edge-Cracked Plates Subjected to Transient Thermal Singularities (76-PVP-38) **PVT 100**
Emissions
Particulate Emissions from Residual Fuel Fired Boilers: Influence of Combustion Modification (76-WA/APC-3) **P 371**
Emission Standards
Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) **P 320**
Emitting Media
Influence of Substrate Properties on the Apparent Emittance of an Isothermal Isotropically Scattering Medium **HT 208**
Enclosed Chambers
The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) **HT 257**
Enclosures
Free Convection in an Enclosure Revisited (TN) **HT 340**
Natural Convection in Liquid Metals in an Enclosure (TN) **HT 675**
End Effects
Saint-Venant's Principle and End Effects in Anisotropic Elasticity (77-WA/APM-11) **AM 424**
End Problems
Orthogonality Relations for "End Problem" for Orthotropic Cylinders (BN) **AM 784**
End-Wall Shear Layers
Secondary Flows in Compressor Bladings (76-GT-57) **P 211**
Energy Absorption
The Interplay of Geometric and Materials Variables in Energy Absorption **MT 114**
Energy-Based Fatigue
An Energy-Based Fatigue and Creep-Fatigue Damage Parameter (77-PVP-3) **PVT 524**
Energy Consumption Management
Design Optimization of a Single Fluid, Solid Sensible Heat Storage Unit (76-WA/HT-64) **HT 174**
Energy Production
An Examination of the Influence of Ash on the Combustion Characteristics of Anthracites (76-WA/CD-2) **P 348**
Energy Storage
Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) **P 399**; (D) **P 404**; (AC) **P 405**
Synthesis of Spring Parameters to Satisfy Specified Energy Levels in Planar Mechanisms (76-DET-44) **I 341**
Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) **AM 322**
Energy Transport
Derivation of Turbulent Transport Coefficients From Turbulent Parameters in Isotropic Turbulence **F 732**
Engel, P. A. The Optimal Wearpath Principle (76-Lub-28) **L 236**; (D) **L 244, 245**; (AC) **L 245**
Engine Tests
Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) **P 645**
Engine-Vehicle Systems
Optimization of Automotive Engine Fuel Economy and Emissions **DS 109**
Engineering
Application of Elastic Waves in Electrical Devices, Nondestructive Testing, and Seismology **AM 800**
Direct Variational Methods and Eigenvalue Problems in Engineering (BR) **AM 800**
Engineering Analysis Methods
Engineering Analysis Methods (BR) **DS 153**
Engineering Fundamentals
Handbook of Engineering Fundamentals (BR) **L 379**
Engineering Materials
Continuum Theory of Ductile Rupture by Void Nucleation and Growth: Part I—Yield Criteria and Flow Rules for Porous Ductile Media (76-Mat-CC) **MT 2**
Deformation and Fracture Mechanics of Engineering Materials (BR) **MT 96**
Engineering Metrology
Engineering Metrology (BR) **L 304**
Enscore, E. E., Jr. A Computer Simulation Model for Determining Fleet Size and Composition (76-WA/Mgt-1) **I 157**; A Dynamic Simulation of the Impact of Regional Air Pollution (76-Mgt-A) **I 424**
Epstein, A. H. Quantitative Density Visualization in a Transonic Compressor Rotor **P 460**
Entrainment Characteristics
Entrainment Characteristics of Buoyant Axisymmetric Plumes in Atmospheric Inversions (TN) **HT 335**
Entrance Regions
Heat Transfer in the Entrance Region of a Straight Channel: Laminar Flow With Uniform Wall Heat Flux (TN) **HT 142**
The Numerical Prediction of the Turbulent Flow and Heat Transfer in the Entrance Region of a Parallel Plate Duct (D) **HT 347**; (AC) **HT 349**
Entropy Generation Analysis
The Concept of Irreversibility in Heat Exchanger Design: Counterflow Heat Exchangers for Gas-to-Gas Applications **HT 374**
Entry Flow
Entry Flow in Straight and Curved Channels With Slender Channel Approximations (77-FE-2) **F 666**; (D) **F 673**; (AC) **F 674**
Epstein, M. Freezing of an Advancing Tube Flow (TN) **HT 687**; Freezing-Controlled Penetration of a Saturated Liquid Into a Cold Tube **HT 233**; Stability of a Submerged Frozen Crust **HT 527**
Equilibrium Paths
Stable Postbuckling Equilibria of Axially Compressed, Elastic Circular Cylindrical Shells: A Finite-Element Analysis and Comparison With Experiments (77-WA/APM-9) **AM 475**
Equipment Failure
Average Life of Equipment Subject to Compound Failures (76-PEM-A) **I 431**
Erdman, A. G. An Approximate Method for the Dynamic Analysis of Elastic Linkages (76-DET-49) **I 449**
Erdogan, F. Crack Propagation and Arrest in Pressurized Containers (76-PVP-12) **PVT 90**; The Crack-Contact and the Free-End Problem for a Strip Under Residual Stress (77-APM-3) **AM 41**; *(editor)* Linear Fracture Mechanics (BR) **AM 367**; The Problem of Internal and Edge Cracks in an Orthotropic Strip **AM 237**
Ero, M. I. O. Entrainment Characteristics of Buoyant Axisymmetric Plumes in Atmospheric Inversions (TN) **HT 335**
Erosion
Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) **MT 143**
Erosion of Powder Metallurgy Aluminum Alloys by Hot Propellant Gases (76-Mat-L) **MT 36**
Erosion of 310 Stainless Steel at 975°C in Combustion Gas Atmospheres (76-WA/Mat-5) **MT 126**
Erosion of a Tube by Gas-Particle Flow (76-WA/Mat-9) **MT 138**
Erosive Effects of High Pressure and High Temperature Gases on Steel **MT 239**
Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) **MT 147**
Particle Erosion Measurements on Metals (76-WA/Mat-1) **MT 121**
Erosive-Corrosive Wear
Erosive-Corrosive Wear of Copper (TB) **L 302**
Erosive Wear
Effects of Surface Hardness and Other Material Properties on Erosive Wear of Metals by Solid Particles (76-WA/Mat-8) **MT 133**
Error Sources
Experimental Study of Error Sources in Skin-Friction Balance Measurements **F 197**
Erythrocyte Deformation
Numerical Study of the Steady Axisymmetric Flow Through a Disk-Type Prosthetic Heart Valve in a Constant Diameter Chamber **BE 91**
Eshbach, O. W. *(editor)* Handbook of Engineering Fundamentals (BR) **L 379**
Eshel, R. Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) **I 685**
Estrin, T. Medical Device Amendments of 1976 (Ed) **BE 57**
Etsion, I. An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (76-Lub-9) **L 82**; A Cantilever Mounted Resilient Pad Gas Thrust Bearing **L 95**; A Class of Maximum Load Capacity Sector Thrust Bearings (D) **L 184**; (AC) **L 186**; Conditions of Leakage-Free Operation of Herringbone Grooved Journal Bearings (D) (AC) **L 222**; The Dual Action Gas Thrust Bearing—A New High Load Bearing Concept (76-Lub-11) **L 89**; Optimum Step Design for Centering of Pistons Moving in an Incompressible Fluid (77-FE-30) **F 675**
Euler Buckling
A Simple Technique for the Minimum Mass Design of Continuous Structural Members (77-APM-27) **AM 285**
Evan-Iwanowski, R. M. *(author)* Resonance Oscillations in Mechanical Systems (BR) **AM 365**
Evans, R. B. Economics of Feedwater Heater Replacement (D) **P 488**; (AC) **P 489**
Everts, R. Bunker Design—Part 4: Recommendations **I 824**
Exchange Processes
Response of Three Oscillators Coupled by a Weak Nonlinearity (77-APM-5) **AM 141**
Exhaust Emissions
The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays—Part I: The Drop-Size/Volume-Fraction Distribution (76-WA/GT-9) **P 309**; Part II: The Drop-Size/Number Distribution (76-WA/GT-10) **P 315**
Exhaust Gases
Heat Transfer Coefficients Around Cylinders in Crossflow in Combustor Exhaust Gases (77-GT-9) **P 497**
Exhaust Gas Mixer
Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) **P 645**
Exhaust Gas Recirculation
Optimization of Automotive Engine Fuel Economy and Emissions **DS 109**
Exhaust Noise
Land Gas Turbine Exhaust Noise (77-GT-12) **P 526**
Experimental Mechanics
Progress in Experimental Mechanics (BR) **AM 189**
Experimental Stress Analysis
Experimental Stress Analysis for Four 24-in. ANSI Standard B16.9 Tees (77-PVP-4) **PVT 537**
Explicit Computational Schemes
Implicit and Explicit Computational Schemes in Dynamic Plasticity (76-PVP-B) **PVT 394**
Exponential Divergence
Pulsatile Blood Flow in a Channel of Small Exponential Divergence—III. Unsteady Flow Separation **F 333**

Exponential Transition
On the Transition of a Shaft Through Critical Speeds **DS 48**
Extensional Deformations
Consistent Treatment of Extensional Deformations for the Bending of Arches, Curved Beams and Rings (76-PVP-11) **PVT 2**
External Explosive Loading
Spherical Acrylic Plastic Hulls Under External Explosive Loading (76-WA/OcE-4) **I 469**
External Flow
Response of Fluid-Elastically Coupled Coaxial Cylindrical Shells to External Flow **F 319**
External Forces
Effects of External Force on Contacting Times and Coefficients of Restitution in a Periodic Collision (BN) **AM 773**
External Grooves
Field Application of Externally Stress-Relieved Drill Collars (76-Pet-39) **PVT 149**
External Pressure
The Compression of Thick-Walled Tubes by External Pressure (77-PVP-2) **PVT 516**
Extrusion
Continuous Extrusion by Viscous Drag (76-Mat-Z) **MT 52**
On the Solution of Three-Dimensional Metal-Forming Processes (76-WA/Prod-17) **I 624**
Extrusion Process
Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) **I 754**

F

Face Milling Operation
A New Approach to the Analysis of Machine-Tool System Stability Under Working Conditions (76-WA/Prod-11) **I 585**
Failure Analysis
Fast Burst Reactor Burst Rod Adaptor Failure Analysis (76-WA/Mat-7) **MT 86**
Fan Blades
Optical Determination of Rotating Fan Blade Deflections (76-GT-48) **P 204**; (D) (AC) **P 210**
Fan Impellers
Investigations on Axial Flow Fan Impellers With Forward Swept Blades (77-FE-1) **F 543**; (D) (AC) **F 547**
Fan Inlet Disturbances
Fan Inlet Disturbances and Their Effect on Static Acoustic Data (77-GT-63) **P 608**
Fan Rotors
Shock Wave and Flow Velocity Measurements in a High Speed Fan Rotor Using the Laser Velocimeter (76-GT-49) **P 181**; (D) (AC) **P 188**
Farell, C. Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) **F 470**; A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) **F 486**; (D) (AC) **F 494**
Farmer, R. G. Measurements of Torsional Dynamic Characteristics of the San Juan No. 2 Turbine-Generator (D) (AC) **P 383**
Farnia, K. Numerical Solution of Transient Heat Conduction Equation for Heat-Treatable Alloys Whose Thermal Properties Change With Time and Temperature **HT 471**
Farr, J. R. The 1977 Edition of Section VIII, Pressure Vessels, Divisions 1 and 2 **PVT 380**; Limit Design of Perforated Cylindrical Shells per ASME Code **PVT 646**
Fast Burst Reactor
Fast Burst Reactor Burst Rod Adaptor Failure Analysis (76-WA/Mat-7) **MT 86**
Fast Valving
Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) **P 399**; (D) **P 404**; (AC) **P 405**
Fatigue
Cumulative Fatigue by Fracture Mechanics (BN) **AM 769**
An Energy-Based Fatigue and Creep-Fatigue Damage Parameter (77-PVP-3) **PVT 524**
Fatigue Under Wide Band Random Stresses Using the Rain-Flow Method **MT 205**
Low-Cycle Fatigue of AISI 1010 Steel at Temperatures up to 1200°F (649°C) (76-WA/PVP-3) **PVT 432**
Low Cycle Fatigue of Two Austenitic Alloys in Hydrogen Gas and Air at Elevated Temperatures (D) **MT 282**; (AC) **MT 283**
Low-Cycle Fatigue Under Out-of-Phase Loading Conditions **MT 222**
A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) **P 391**
Fatigue Behavior
Review of the Mechanical Properties of Cast Steels With Emphasis on Fatigue Behavior and the Influence of Microdiscontinuities **MT 329**
The Use of Classification Zones for Fatigue Behavior in Steels (76-Mat-Y) **MT 23**
Fatigue Crack Growth
The Effect of Specimen Thickness Upon the Fatigue Crack Growth Rate of A516-60 Pressure Vessel Steel (76-PVP-57) **PVT 248**
The Effect of Stress Ratio on Fatigue Crack Growth in a Biaxial Stress Field (76-PVP-37) **PVT 137**
Fatigue Crack Growth Characteristics of A533 Grade B Class I Plate in an Environment of High-Temperature Primary Grade Nuclear Reactor Water (76-PVP-3) **PVT 238**
Fatigue Crack Propagation
Effect of Hold-Time on Elevated Temperature Fatigue Crack Propagation in Types 304 and 316 Stainless Steels (D) (AC) **MT 282**
Enhancement of Fatigue Crack Growth and Fracture Resistance in Ti-6Al-4V and Ti-6Al-6V-2Sn Through Microstructural Modification **MT 313**
Fatigue Crack Propagation in A533B Steels (76-WA/PVP-6) **PVT 459**
Near-Threshold Fatigue Crack Propagation in Ultra-High Strength Steel: Influence of Load Ratio and Cyclic Strength **MT 195**
Fatigue Damage
Overload Effects on Fatigue Damage of Wire-Rope Pendants (TB) **MT 277**
X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) **MT 110**
Fatigue Damage Detection
Fatigue Damage Detection in 2024-T3 Aluminum, Titanium, and Low Carbon Steel by Optical Correlation **MT 319**
Fatigue Design Criteria
Fatigue Design Criteria for Pressure Vessel Alloys (77-PVP-12) **PVT 584**
Fatigue Failure
A Dynamic Optical Correlation Technique for Fatigue Failure Prediction **MT 229**
An Investigation of Factors Contributing to Wide Gage on Tangent Railroad Track (75-WA/RT-1) **I 1**
Fatigue Fracture
Analysis of Fatigue Fracture of Ball Joint Sockets by Indentation Hardness and Transmission Electron Microscopy (76-WA/Mat-3) **MT 80**
Fatigue Lives
Dynamic Life Estimation for Track Surfaces under Periodic Loadings and Nonuniform Backup Supports (D) **L 307**; (AC) **L 308**
Fatigue Lives of Metals up to Crack Initiation **MT 212**
Fatigue of Metals as Stochastic Phenomena (76-Mat-X) **MT 26**
Multiaxial Low-Cycle Fatigue of Type 304 Stainless Steel (D) **MT 283**; (AC) **MT 285**
Fatigue Loading
On the Design of Bolted Connections With Gaskets Subjected to Fatigue Loading (76-DET-57) **I 388**; (D) (AC) **I 393**
Growth Characteristics of Part-Through Cracks in Thick-Walled Plates and Tubes (76-PVP-39) **PVT 106**
Fatigue-Notch Strength-Reduction Factor
Long-Life Notch Strength Reduction Due to Local Biaxial State of Stress **MT 215**
Fatigue Strength-Improvement
A New Look at Subcritical Quenching (SCT) for Fatigue Strength Improvement (77-RT-4) **I 867**
Faulkner, M. G. A Note on the Bending of Rods to a Specified Shape (76-WA/OcE-2) **I 456**
Fault Diagnosis
The Use of Plastic Cold Flow in the Development of an Externally Connected Transducer for Recording Pressure-Time Histories of Diesel Fuel Injection Phenomena and Its Application in Fault Diagnosis (76-DGP-3) **P 274**
Faupel, J. H. Design Philosophy of Pressure Vessels for Service Above 10 Ksi (70 MPa) (D) **PVT 383**
Favier, D. An Experimental Study of Three-Dimensional Characteristics of Propeller Wakes Under Stalling Conditions **F 745**
Favin, S. Steady State Temperature Distribution in a Solid Cylinder Moving in the Direction of its Axis Through a Cross-Flow of Hot Gas **HT 668**
Fawcett, J. N. A Determination of Contact-Loss at a Bearing of a Linkage Mechanism (D) **I 379**; (AC) **I 380**; Shape and Frequency Composition of Pulses From an Impact Pair (D) (AC) **I 917**
Fawzy, I. A Theorem on the Free Vibration of Damped Systems (77-APM-6) **AM 132**
Fazekás, G. A. Hysteresis Test on Bolts (TB) **I 909**
Feedback Concept
A Note on the Early Development of Control Theory (TB) **DS 211**
Feeder Systems
Natural Resting Aspects of Parts for Automatic Handling (76-WA/Prod-40) **I 314**
Feeding Systems
Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 1: Non-Vibratory Feeding Systems (76-WA/Prod-38) **I 302**; Part 2: Vibratory-Bowl Feeding Systems (76-WA/Prod-39) **I 308**
Feedwater Heaters
Economics of Feedwater Heater Replacement (76-JPGC-Pwr-7) **P 482**; (D) **P 488**; (AC) **P 489**; (D) **P 689**
Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) **P 399**; (D) **P 404**; (AC) **P 405**
Fehring, T. H. Economics of Feedwater Heater Replacement (76-JPGC-Pwr-7) **P 482**; (D) **P 488**; (AC) **P 489**; (D) **P 689**
Felbeck, D. K. Analysis of Fatigue Fracture of Ball Joint Sockets by Indentation Hardness and Transmission Electron Microscopy (76-WA/Mat-3) **MT 80**
Feliss, N. A. An Experimental Investigation of Incompressible Channel Flow Near Transition (77-FE-19) **F 693**; (D) (AC) **F 698**
Felmley, C. R., Jr. Weld Repair Procedure for Nuclear Pressure Vessels **PVT 500**; WRC Activities Described in New Publication **PVT 500**; WRC Bulletin 221 November 1976; WRC Bulletin 222 December 1976 **PVT 382**
Felske, J. D. The Use of the Milne-Eddington Absorption Coefficient for Radiative Heat Transfer in Combustion Systems **HT 458**
Ferritic Steels
High Temperature Thermal-Elastic Analysis of Dissimilar Metal Transition Joints (76-Mat-BB) **MT 65**
Ferromagnetic Elastic Solids
The Linear Magnetoelastic Problem for a Soft Ferromagnetic Elastic Solid With a Finite Crack **AM 47**
Fettahlioglu, O. A. Consistent Treatment of Extensional Deformations for the Bending of Arches, Curved Beams and Rings (76-PVP-11) **PVT 2**
Feuerstein, S. Thermally Induced Migration of Hydrocarbon Oil **L 158**
Fiber-Filled Thermoplastic Polymers
Friction and Wear of Glass and Carbon Fiber-Filled Thermoplastic Polymers **L 408**
Fiber Optics
Design of a Fiber Optic Pressure Transducer (75-WA/DE-8) **I 274**; (D) **I 279**; (AC) **I 280**
Fiber-Reinforced Composites
The Elastic Moduli of a Fiber-Reinforced Composite (76-APM-RR) **AM 61**; (Er) **AM 803**; (D) **AM 791**; (AC) **AM 792**
Longitudinal Waves in Fiber-Reinforced Composite at Low and High Frequency Ranges (BN) **AM 492**
Fiber-Reinforced Plastics
Wear Mechanism of Unidirectionally Oriented Fiber-Reinforced Plastics **L 401**
Fibrous Composites
Models for Fibrous Composites With Different Properties in Tension and Compression **MT 344**
Fichter, E. F. Mechanical Couplings—A General Geometrical Theory. Part 1: Theorems on Algebraic Loci and Couplings (76-DET-5) **I 77**; Part 2: Examples and Applications of the Theorems (76-DET-6) **I 82**
Field Permeation Properties
Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) **PVT 187**
Figliola, R. S. Fluid Stresses in the Vicinity of Disk, Ball,

and Tilting Disk Prosthetic Heart Valves From In-Vitro Measurements **BE 173**

Film Condensation
The Effects of Non-Condensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) **HT 257**

Film Conduction
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) **P 385**

Film Cooling
Effect of Streamline Curvature on Film Cooling (76-GT-90) **P 77**
Film Cooling of Gas Turbine Blades: A Study of the Effect of Large Temperature Differences on Film Cooling Effectiveness (76-GT-2) **P 11**
Film Cooling With Large Density Differences Between the Mainstream and the Secondary Fluid Measured by the Heat-Mass Transfer Analogy **HT 620**

Film Thickness
Isothermal Elastohydrodynamic Lubrication of Point Contacts: Part IV—Starvation Results (76-Lub-31) **L 15**
A Microcontinuum Theory for the Elastohydrodynamic Inlet Zone (76-Lub-19) **L 24**
Opticalmeasurement of Oil Film Thickness Between Rollers (76-Lub-10) **L 290**; (D) (AC) **L 294**

Filtered Sequential Regression
Filtered Sequential Regression Parameter Identification Applied to a Gas Turbine Engine Model **DS 253**

Fin Arrays
Two-Dimensional Effects on Heat Transfer Rates From an Array of Straight Fins (TN) **HT 129**

Fin Geometry
The Effect of Fin Geometry and Manufacturing Process on Ceramic Regenerator Thermodynamic Performance (77-GT-61) **P 638**

Fin Spacing
Effects of Nonuniform Passages on Deepfold Heat Exchanger Performance (76-WA/HT-32) **P 657**

Findley, W. N. *(author)* Creep and Relaxation of Nonlinear Viscoelastic Materials with an Introduction to Linear Viscoelasticity (BR) **AM 364**

Finish Turning Process
Tool Life Variation and Its Influence on the Development of Tool Life Models (76-WA/Prod-1) **I 578**

Finite Amplitude
Flutter of Articulated Pipes at Finite Amplitude (77-APM-9) **AM 154**; (D) **AM 792**; (AC) **AM 793**

Finite Cracks
The Linear Magnetoelastic Problem for a Soft Ferromagnetic Elastic Solid With a Finite Crack **AM 47**

Finite Deflections
Finite Deflections of Unsymmetric Angle-Ply Anisotropic Rectangular Plate Under Edge Moments (BN) **AM 171**

Finite-Difference Analysis
Buoyant Jets Discharging Nonvertically Into a Uniform, Quiescent Ambient—A Finite-Difference Analysis and Turbulence Modeling **HT 641**

Finite-Difference Techniques
Established Stripwise Laminar Natural Convection on a Horizontal Surface (76-HT-19) **HT 294**

Finite Domains
Singular Perturbation Theory for Melting or Freezing in Finite Domains Initially Not at the Fusion Temperature **AM 25**

Finite Elastic Cylinders
Acoustodynamics of the Longitudinal Collinear Impact of Finite Elastic Cylinders (76-WA/DE-19) **I 144**

Finite Elastic Deformation
Finite Elastic Deformation for a Class of Soft Biological Tissues **BE 98**

Finite Element Analysis
Finite Element Static Analysis of Axisymmetric Solids With Material and Geometric Nonlinearities (76-PVP-A) **PVT 386**
Further Dynamic Finite Element Analysis of the Tapered DCB Specimen **MT 324**
Stable Postbuckling Equilibria of Axially Compresse-, Elastic Circular Cylindrical Shells: A Finite-Element Analysis and Comparison With Experiments (77-WA/APM-9) **AM 475**

Finite Element Methods
Static and Dynamic Analysis of Capillary Compensated Hydrostatic Journal Bearings by Finite Element Method **L 478**
Submarine Pipeline Analysis With an Elastic Foundation by the Finite Element Method (76-WA/OcE-5) **I 480**

Finite-Element Simulations
Finite Element Simulation of Rotor-Bearing Systems With Internal Damping (76-GT-89) **P 71**

Finite-Element Solutions
Efficient C^0 Finite-Element Solution of Simply Supported Plates of Polygonal Shape (BN) **AM 347**
Finite Element Solutions of Crack-Tip Behavior in Small Scale Yielding (D) **MT 186**; (AC) **MT 187**

Finite Elements
Equivalence of Finite Elements for Nearly Incompressible Elasticity (BN) **AM 181**
Instability Analysis of Torispherical Pressure Vessel Heads with Triangular Thin-Shell Finite Elements (76-PVP-33) **PVT 64**
Systems of Finite Elements for Finite Bearings (76-Lub-13) **L 187**; (D) **L 194–196**; (AC) **L 196**

Finite Plate Methods
A Finite Plate Method to Solve Cylinder-to-Cylinder Structures Subjected to Internal Pressure (76-PVP-C) **PVT 404**

Finite Rigid Rotations
Vector Analysis of Finite Rigid Rotations (BN) **AM 501**

Finite Ring Method
Flexibility and Stress Factors of Pipe Bends—An Analysis by the Finite Ring Method (76-PVP-40) **PVT 281**

Finite Solids
Stress Analysis and Stress-Intensity Factors for Finite Geometry Solids Containing Rectangular Surface Cracks (77-WA/APM-5) **AM 442**

Finnie, I. Waloddi Weibull—90 Years Young on June 18, 1977 **MT 193**

Fins
Approximate Solution for Convective Fins With Variable Thermal Conductivity (D) (AC) **HT 692**

Fiore, N. F. Microstructural Effects in the Low-Cycle Fatigue of Fe-Ni-Cr Austenite **MT 29**

Fire-Exposed Building Columns
Temperature Distributions in Fire-Exposed Building Columns **HT 113**

Fires
Cooling of Room Fires by Sprinkler Spray **HT 353**

Fissure Flow
Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) **PVT 187**

Fister, W. The Effect of Rotor Blade Wakes on Centrifugal Compressor Diffuser Performance—A Comparative Experiment (D) **F 50**; (AC) **F 52**

Fitzpatrick, J. A. A Preliminary Study of Flow and Acoustic Phenomena in Tube Banks (77-FE-7) **F 681**

Five-Link Mechanisms
Gross Motion Analysis of Planar Linkages With Application to a Geared Five-Bar (76-DET-31) **I 674**

Fixed Points
The Effect of Viscous Damping on Spin Stability of a Rigid Body With a Fixed Point (BN) **AM 349**

Fixed Points Possible Motions
The Possible Motions of a Rigid Body With One Fixed Point **AM 329**

Flank Wear
Influence of Flank Wear on the Stresses in a Cutting Tool (76-WA/Prod-30) **I 566**

Flashing Flow
Flashing Flow of INITIALLY Subcooled Water in Convergent-Divergent Nozzles (76-HT-12) **HT 263**; (Er) **HT 647**

Flat-Bar Rolling
On the Solution of Three-Dimensional Metal-Forming Processes (76-WA/Prod-17) **I 624**

Flat Plates
Characterization of Fracture in Vessels and Piping (76-WA/PVP-2) **PVT 144**
Free-Steam Vorticity Disturbances Adjusting to the Presence of a Plate—A Quarter-Plane Problem **AM 529**

Flat Sector Bearings
An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (D) (AC) **L 307**

Flat Sector Shaped Pads
A Cantilever Mounted Resilient Pad Gas Thrust Bearing **L 95**

Flat Sector Thrust Bearings
An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (76-Lub-9) **L 82**

Fleet Size Determination
A Computer Simulation Model for Determining Fleet Size and Composition (76-WA/Mgt-1) **I 157**

Fleeter, S. An Experimental Determination of the Unsteady Aerodynamics in a Controlled Oscillating Cascade (76-GT-17) **P 88**

Fleming, D. P. An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (76-Lub-9) **L 82**; Dynamics Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) **L 101**

Flexed Plates
Experimental Solution of Flexed Plates by the Method of Caustics (77-APM-12) **AM 107**

Flexibility
The Flexibility of Curved Pipes in Creep (76-WA/PVP-4) **PVT 444**
Flexibility and Stress Factors of Pipe Bends—An Analysis by the Finite Ring Method (76-PVP-40) **PVT 281**

Flexible Bearings
The Lubrication of a Long, Porous, Flexible Journal Bearing **L 449**

Flexible Channels
Stability Analysis of Straight and Buckled Two-Dimensional Channels Conveying an Incompressible Flow **AM 548**

Flexible Cylinder Clusters
Stability of a Cluster of Flexible Cylinders in Bounded Axial Flow (77-APM-34) **AM 401**

Flexible Guideways
Periodic Motion of Vehicles on Flexible Guideways **DS 268**

Flexible Mechanisms
Design and Analysis of Multilink Flexible Mechanisms With Multiple Clearance Connections (76-DET-9) **I 88**

Flexible Plate Sealing
Removal of an Anomaly in the Perturbation Analysis of a Flexible Plate Sealing an Incompressible Liquid (BN) **AM 498**

Flexible Rotors
The Stability of a Flexible Rotor Supported by Circumferentially Fed Journal Bearings **L 469**
Stability of Squeeze-Film-Damper Supported Flexible Rotors (77-GT-51) **P 545**
Steady-State Performance of Squeeze Film Damper Supported Flexible Rotors (77-GT-52) **P 552**

Flexible Spacecraft
State Estimation and Parameter Identification of Freely Spinning Flexible Spacecraft **DS 51**

Flexibly Mounted Platforms
Control of a Flexibly Mounted Stabilized Platform **DS 174**

Flexural Behavior
Properties of Reinforced Abrasive Disks in Flexure (76-WA/Prod-41) **I 318**

Flexural Systems
Optimal Structural Design of Flexural Systems: Beams, Grillages, Slabs, Plates, and Shells (BR) **AM 516**

Floating-Element Balance
Experimental Study of Error Sources in Skin-Friction Balance Measurements **F 197**

Floating Elements
Direct Measurement of Wall Shear Stress With Mass Transfer in a Low Speed Boundary Layer **F 580**

Floating Ice Sheets
Simulation of Sea Ice Dynamics During AIDJEX **PVT 491**

Floquet, A. Surface Temperatures in Distributed Contacts. Application to Bearing Design **L 277**

Floreen, S. The Fracture Toughness of Cast High-Strength Steels (76-Mat-HH) **MT 70**

Florence, A. L. Critical Velocity for Collapse of Viscoplastic Cylindrical Shells Without Buckling **AM 89**; *(reviewer)* Dynamic Problems of Thermoelasticity (BR) **AM 366**; *(reviewer)* The Linear Theory of Thermoelasticity (BR) **AM 189**

Flot, R. Secondary Flows in Compressor Bladings (76-GT-57) **P 211**

Flow
Asymmetric Flow in Vaneless Diffusers of Centrifugal Blowers **F 104**; (D) **F 111, 112**; (AC) **F 113**
On the Calculation of Three-Dimensional Divergent and Rotational Flow in Turbomachines (D) **F 427, 428**; (AC) **F 428**
A Centrifugal Compressor Flow Analysis Employing a Jet-Wake Passage Flow Model (76-FE-21) **F 141**
Constrained Flow Past Cavitating Bluff Bodies **F 717**
Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) **F 470**; (D) (AC) **F 785**
Entrance Correction for Creeping Flow in Short Tubes (TB) **F 778**
Entry Flow in Straight and Curved Channels With Slender Channel Approximations (77-FE-2) **F 666**; (D) **F 673**; (AC) **F 674**

An Experimental Investigation of Incompressible Channel Flow Near Transition (77-FE-19) **F 693**; (D) (AC) **F 698**
An Experimental and Theoretical Investigation Into Thermally Governed Transient Flow Surges in Two-Phase Condensing Flow **HT 561**
A Free-Streamline Model for Bluff Bodies in Confined Flow **F 585**
Friction Factor for Isothermal and Nonisothermal Flow Through Porous Media **HT 367**
Fully Developed Flow and Heat Transfer in Ducts Having Streamwise-Periodic Variations of Cross-Sectional Area **HT 180**
Generalized Flow Across an Abrupt Enlargement (D) (AC) **P 492**
Heat/Mass Transfer Characteristics for Flow in a Corrugated Wall Channel **HT 187**
Heat Transfer in Curved Tubes With Pulsatile, Fully Developed, Laminar Flows **HT 590**
Heat Transfer and Fluid Flow Analysis of Interrupted-Wall Channels, With Application to Heat Exchangers **HT 4**
Heat Transfer in Micropolar Laminar Radial Channel Flow (TN) **HT 684**
Heat Transfer to Water in Downward Flow in a Uniform Wall Temperature Vertical Tube at Low Graetz Numbers **HT 586**
Influence of Inlet Flow Conditions and Geometries of Centrifugal Vaneless Diffusers on Critical Flow Angle for Reverse Flow **F 98**; (D) **F 102**; (AC) **F 103**
Laminar Incompressible Viscous Flow in Curved Ducts of Regular Cross-Sections **F 640**
A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (D) (AC) **F 784**
Linear Stability of Flow in a Concentric Annulus (BN) **AM 338**
Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) **P 537**
Mixed Convection in Boundary Layer Flow on a Horizontal Plate **HT 66**
A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) **F 486**; (D) (AC) **F 494**
Nonaxisymmetric Flow in the Narrow Gap Between a Rotating Stationary Disc With an Eccentric Source (D) (AC) **F 606**
Numerical Computation of Flow in Rotating Ducts (76-FE-25) **F 148**; (D) **F 433, 434**; (AC) **F 434, 435**
Numerical Modeling of Unsteady, Separated Viscous Flow **F 657**
The Numerical Prediction of the Turbulent Flow and Heat Transfer in the Entrance Region of a Parallel Plate Duct (D) **HT 347**; (AC) **HT 349**
Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) **HT 580**
Numerical Study of Transient and Steady Induced Symmetric Flows in Rectangular Cavities (77-FE-17) **F 526**
Organized Fluctuations Due to Flow Past a Square Cross Section Cylinder (76-WA/FE-2) **F 511**
Oscillating Turbulent Flow in a Conical Diffuser (D) **F 790**; (AC) **F 791**
The Particle-Source-In Cell (PSI-CELL) Model for Gas-Droplet Flows **F 325**
A Preliminary Study of Flow and Acoustic Phenomena in Tube Banks (77-FE-7) **F 681**
Quasi-Three-Dimensional Laminar Boundary-Layer Separations in Supersonic Flow **F 634**; (D) (AC) **F 639**
Quasi-Three-Dimensional Numerical Solution of Flow in Turbomachines (76-FE-23) **F 132**; (D) **F 431**; (AC) **F 432**
Quasi Two-Dimensional Analysis of Flow Through a Centrifugal Pump Impeller (77-FE-29) **F 687**
Response of Fluid-Elastically Coupled Coaxial Cylindrical Shells to External Flow **F 319**
Secondary Flows in Compressor Bladings (76-GT-57) **P 211**
A Solution of Freezing of Liquids of Low Prandtl Number in Turbulent Flow Between Parallel Plates **HT 20**
Stability Analysis of Straight and Buckled Two-Dimensional Channels Conveying an Incompressible Flow **AM 548**
The Stability of an Isolated Rectangular Surface Embedded in Uniform Subsonic Flow **AM 201**
Steady Flow in Collapsible Tubes **BE 126**
Steady and Unsteady Flow in Noncircular Straight Ducts **AM 1**
Theory of Superplastic Flow in Two-Phase Materials: Roles of Interphase-Boundary Dislocations, Ledges, and Diffusion **MT 244**
A Three Dimensional Density Field Measurement of Transonic Flow From a Square Nozzle Using Holographic Interferometry **F 737**; (D) **F 743**; (AC) **F 744**
Three-Dimensional Flow Within a Turbine Cascade Passage (76-GT-50) **P 21**
Transonic Flow Around Rotor Blade Elements (D) **F 607**; (AC) **F 609**
Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) **L 224**

Flow Analysis
A Centrifugal Compressor Flow Analysis Employing a Jet-Wake Passage Flow Model (D) (AC) **F 430**

Flow Concentration
The Modeling of Flow Concentration in Two-Phase Materials (D) (AC) **MT 185**

Flow Distributions
Factors Affecting the Design of Turbine-Condenser Connections (76-JPGC-Pwr-3) **P 429**

Flow Fields
Measurement of the Three-Dimensional Flow Field Behind an Axial Compressor Stage (76-GT-18) **P 168**; (D) **P 179**; (AC) **P 180**
Nonaxisymmetric Flow in the Narrow Gap Between a Rotating and a Stationary Disk With an Eccentric Source (TB) **F 418**
Three-Dimensional Flow Field in Rocket Pump Inducers Part 2: Three-Dimensional Viscid Flow Analysis, and Hot Wire Data on Three-Dimensional Mean Flow and Turbulence Inside the Rotor Passage (75-WA/FE-21) **F 176**

Flow Functions
Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) **I 754**

Flow-Induced Bending
Flow-Induced Bending of Rectangular Plates (77-APM-14) **AM 207**

Flow-Induced Vibrations
A Brief Review of Flow Induced Vibrations of Tube Arrays in Cross-Flow (76-WA/FE-21) **F 517**
Dynamics of Heat Exchanger Tube Banks (76-WA/FE-28) **F 462**; (D) **F 467**; (AC) **F 468, 469**
Flow-Induced Vibration (BR) **AM 802**
Frequency Response of a Tube Bundle in Water (TB) **F 416**
A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) **P 441**
On Wake-Induced Flutter of a Circular Cylinder in the Wake of Another (77-APM-28) **AM 194**

Flow Interference
REVIEW—Review of Flow Interference Between Two Circular Cylinders in Various Arrangements **F 618**

Flow Lines
On One Analysis of Axisymmetric Extrusion by the Use of Flow Lines (76-Prod-B) **I 419**

Flow Measurements
The Accuracy of Flow Measurements by Laser-Doppler Methods (BR) **DS 220**
An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) **P 343**

Flow Models
Potential Flow Model for an Impulsively Started Circular Cylinder (D) (AC) **AM 187**

Flow Nozzles
A Method for the Construction of Flow Nozzles and Wind Tunnel Contraction Sections (TB) **F 772**

Flow Passages
Deceleration Rate Parameter and Algebraic Prediction of Turbulent Boundary Layer (76-WA/FE-7) **F 390**; (D) (AC) **F 394**

Flow Processes
Effect of Upstream Flow Processes on Hydrodynamic Development in a Duct **F 556**

Flow Ranges
Impeller Stalling as Influenced by Diffusion Limitations **F 84**; (D) **F 93–96**; (AC) **F 97**

Flow Rules
Continuum Theory of Ductile Rupture by Void Nucleation and Growth: Part I—Yield Criteria and Flow Rules for Porous Ductile Media (76-Mat-CC) **MT 2**

Flow Separation
Prediction of Flow Separation in a Diffuser by a Boundary Layer Calculation (76-WA/FE-6) **F 379**; (D) **F 387**; (AC) **F 388**
Pulsatile Blood Flow in a Channel of Small Exponential Divergence—III. Unsteady Flow Separation **F 333**

Flow Stability
The Effect of Thermal Diffusion on Flow Stability Between Two Rotating Cylinders **L 319**

Flow Subchannels
A Mathematical Model for Transient Subchannel Analysis of Rod-Bundle in Nuclear Fuel Elements (D) (AC) **HT 347**

Flow Transfer
Fully Developed Flow and Heat Transfer in Ducts Having Streamwise-Periodic Variations of Cross-Sectional Area **HT 180**

Flow Velocity
Experimental Investigations of Steady and Pulsatile Laminar Flow in a 90‡ Branch **AM 372**
Shock Wave and Flow Velocity Measurements in a High Speed Fan Rotor Using the Laser Velocimeter (76-GT-49) **P 181**; (D) (AC) **P 188**

Flow Visualization
An Experimental Study of the Fluid Dynamics of Multiple Noncritical Stenoses **BE 74**

Flowers, W. C. An Electrohydraulic Knee-Torque Controller for a Prosthesis Simulator (76-WA/Bio-10) **BE 3**; Feasibility of an Active Control Scheme for Above Knee Prostheses (77-WA/Bio-8) **BE 215**

Flowing Air
Some Characteristics of High Waves in Closed Channels Approaching Kelvin-Helmholtz Instability (77-FE-15) **F 339**

Flowing Fluids
Heat Transfer to Flowing Gas-Solid Mixtures (TN) **HT 145**

Flowing Liquids
Freezing-Controlled Penetration of a Saturated Liquid Into a Cold Tube **HT 233**

Flowmeters
A Planar Fluidic Flowmeter Applicable to Respiratory Flows (77-WA/Fics-1) **DS 293**

Fluctuations
Organized Fluctuations Due to Flow Past a Square Cross Section Cylinder (76-WA/FE-2) **F 511**

Flue Losses
Improvement of Seasonal Efficiency of Residential Heating Systems (76-WA/Fu-7) **P 329**; (D) **P 333, 334**; (AC) **P 334**

Fluid Coupling
Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) **AM 213**

Fluid Delivery Systems
Fluid Delivery and Metering for Reaction-Injection Molding (76-WA/PID-19) **I 678**

Fluid Dynamics
Measurement of Unsteady Fluid Dynamic Phenomena (BR) **DS 220**
Some Current Research in Unsteady Fluid Dynamics—The 1976 Freeman Scholar Lecture **F 8**
An Experimental Study of the Fluid Dynamics of Multiple Noncritical Stenoses **BE 74**

Fluid-Elastically Coupled Coaxial Cylindrical Shells
Response of Fluid-Elastically Coupled Coaxial Cylindrical Shells to Extternal Flow **F 319**
Statistical Improvement in Differential Producer Type Flowmeters (76-WA/FM-1) **F 249**

Fluid-Filled Tubes
Pulse Propagation in Fluid-Filled Tubes (77-APM-7) **AM 31**

Fluid Film Bearings
An Estimation of the Effect of Fluid Inertia on the Performance of the Plane Inclined Slider Thrust Bearing With Particular Regard to Turbulent Lubrication **L 129**

Fluid Films
On Some Starvation Phenomena in Fluid Films **L 441**

Fluid Flow
Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) **AM 112**; (Er) **AM 513**
Friction Factor for Isothermal and Nonisothermal Flow Through Porous Media **HT 367**
Heat Transfer and Fluid Flow Analysis of Interrupted-Wall Channels, With Application to Heat Exchangers **HT 4**
Quasi-Three-Dimensional Numerical Solution of Flow in Turbomachines (76-FE-23) **F 132**

Fluid Force Coefficients
Fluid Elastic Whirling of Tube Rows and Tube Arrays (76-WA/FE-26) **F 457**; (D) (AC) **F 461**

Fluid Gap
Generalized Hydrodynamic Mass for Beam Mode Vibration of Cylinders Coupled by Fluid Gap (BN) **AM 172**
Fluid Layers
Analysis of Heat Transfer by Natural Convection Across Vertical Fluid Layers (76-HT-37) **HT 287**
Fluid Lines
Transient Response of Fluid Lines by Frequency Response Conversion (TB) **DS 310**
Fluid Mechanics
REVIEW—A Review of the Fluid Mechanics of Aeroelasticity in Turbomachines **F 40**
A Survey of Fluid Mechanics Education of Mechanical Engineers (77-FE-11) **F 446**; (D) **F 786**; (AC) **F 787**
Fluid Meters
Loss Coefficients for Fluid Meters (76-WA/FM-2) **F 245**
Fluid Motion
Stability of Fluid Motions—I (BR) **AM 800**
Transient Heat and Mass Transfer to a Drop in an Electric Field (76-WA/HT-43) **HT 269**
Fluid Networks
An Efficient Simulation Method for Distributed Lumped Fluid Networks (76-WA/Flcs-1) **DS 34**
Fluid Phase Transitions
Lambda—Transition (He II—He I) During Heat Flow at Supercritical Pressures **HT 479**
Fluid Pivot Journal Bearings
The Fluid Pivot Journal Bearing (76-Lub-26) **L 122**; (D) **L 127**; (AC) **L 128**
Fluid Stresses
Fluid Stresses in the Vicinity of Disk, Ball, and Tilting Disk Prosthetic Heart Valves From In-Vitro Measurements **BE 173**
Fluid-Structure Interactions
Self-Excited Aeroelastic Instability of a Bridge Deck (76-WA/FE-25) **F 452**
Fluid Systems
Variable Time Steps for Simulating Transient Liquid Flow by Method of Characteristics (TB) **F 259**
Fluid Transients
Fluid Transients (Op) **F 271**
Fluidic Flowmeters
A Planar Fluidic Flowmeter Applicable to Respiratory Flows (77-WA/Flcs-1) **DS 293**
Fluidic Thermistors
Fluidic Thermistors or Fluidic Temperature Sensing With Capillaries (76-WA/TM-1) **P 406**; (D) (AC) **P 411**
Fluids
Convective Stability of Incompressible Fluids (BR) **AM 516**
An Exact Solution of the Boussinesq Equations for an Infinite Wall in a Stratified Fluid (TN) **HT 676**
Film Cooling With Large Density Differences Between the Mainstream and the Secondary Fluid Measured by the Heat-Mass Transfer Analogy **HT 620**
Optimum Step Design for Centering of Pistons Moving in an Incompressible Fluid (77-FE-30) **F 675**
An Optimum Stepped Piston for Cylinders Working With Compressible Fluid (D) (AC) **F 427**
Simple Predictions for the Sonic Conditions in a Real Gas **F 217**
Thermoconvective Motion of Low Prandtl Number Fluids Within a Horizontal Cylindrical Annulus **HT 596**
Water Waves in a Nonhomogeneous Incompressible Fluid (77-WA/APM-27) **AM 523**
Fluorescent Gas
Quantitative Density Visualization in a Transonic Compressor Rotor **P 460**
Flutter
Flutter of Articulated Pipes at Finite Amplitude (77-APM-9) **AM 154**; (D) **AM 792**; (AC) **AM 793**
Nonlinear Behavior of Flutter Unstable Dynamical Systems With Gyroscopic and Circulatory Forces **AM 755**
On Wake-Induced Flutter of a Circular Cylinder in the Wake of Another (77-APM-28) **AM 194**
Flutter Motion
Optical Determination of Rotating Fan Blade Deflections (76-GT-48) **P 204**; (D) (AC) **P 210**
Foil Bearings
A Theoretical Analysis of a Compliant Shell Air Bearing (76-Lub-5) **L 75**
Foley, C. J. Analysis of Overpressure Conditions in an Isolated Piping Section (76-PVP-8) **PVT 253**
Foley, M. A Simple Technique for the Minimum Mass Design of Continuous Structural Members (77-APM-27) **AM 285**
Follansbee, P. S. Heat Transfer Coefficients Around Cylinders in Crossflow in Combustor Exhaust Gases (77-GT-9) **P 497**
Follower Forces
Plate Buckling Due to Follower Edge Forces (BN) **AM 768**
Stability of Elastically Restrained Timoshenko Cantilevers With Attached Masses Subjected to a Follower Force (77-WA/APM-7) **AM 731**
Force Analysis
Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) **PVT 367**
Force Feedback Control
Force Feedback Control of Manipulator Fine Motions **DS 91**
Force Measurements
Vortex Excited Oscillations of Yawed Circular Cylinders (76-WA/FE-16) **F 495**; (D) **F 501**; (AC) **F 502**
Forced Convection
Approximate Solution to a Class of Transient Forced Convection Problems (M-GT-58) **P 567**
A Correlating Equation for Forced Convection from Gases and Liquids to a Circular Cylinder in Crossflow **HT 300**
Forced Convection Heat Transfer at an Inclined and Yawed Square Plate—Application to Solar Collectors **HT 507**
Forced Convection Within Straight Noncircular Ducts (TN) **HT 485**
Heat Transfer from a Cylinder in Crossflow Situated in a Turbulent Pipe Flow **HT 425**
Forced Plumes
Prediction of Turbulent Forced Plumes Issuing Vertically Into Stratified or Uniform Ambients **HT 99**
Forced Vibrations
Forced Vibrations of a Mass Connected to an Elastic Half Space by a Spring (BN) **AM 788**
Forced Vibration of Tube Support Plates in Power Plant Condensers, With Friction Damping (76-Pwr-A) **P 106**
Forcing Excitations
Response of a Nonlinear System Under Combined Parametric and Forcing Excitation (BN) **AM 179**
Forging
A Fracture Criterion for Porous Materials and Its Application to the Shape of Sintered Preforms in Forging **MT 16**
The Transport and Breakdown of Solid Lubricants in a Simple Forging Operation (76-Lub-16) **L 230**; (D) **L 234**; (AC) **L 235**
Form Error
Stochastic Characterization of Macro- and Microerrors of Journal Bearing Roundness (76-DET-51) **I 327**; (D) **I 334**; (AC) **I 335**
Formation Anisotropy
Deviation Forces Arising from Single Bit Tooth Indentation of an Anisotropic Porous Media (76-Pet-52) **PVT 362**
Formed Heads
Residual Ductility and Residual Stresses in Formed Heads (77-PVP-13) **PVT 593**
Fomes, R. E. Particle Size Analysis of Cotton Dust Using Scanning Electron Microscopy (76-Tex-3) **I 56**
Forrestal, M. J. Elastic-Plastic Response of Simply Supported 1018 Steel Beams to Impulse Loads (BN) **AM 779**
Fortini, A. Friction Factor for Isothermal and Nonisothermal Flow Through Porous Media **HT 367**
Forward-Facing Steps
The Natural Convection of Air Over a Heated Plate With Forward-Facing Step (76-HT-15) **HT 439**
Forward Swept Blades
Investigations on Axial Flow Fan Impellers With Forward Swept Blades (77-FE-1) **F 543**; (D) (AC) **F 547**
Foss, J. F. Vortex Stretching Due to Shear Layer Instability (D) (AC) **F 243**
Fossil Energy
Combustion of Pulverized, Solvent-Refined Coal (76-WA/Fu-6) **P 305**
Fossum, A. F. On the Structural Behavior of Progressively Mined Solution Cavities in Salt **AM 565**
Foster, J. E. Optimal Cantilever Dynamic Vibration Absorbers (76-WA/DE-17) **I 138**
Fote, A. A. Thermally Induced Migration of Hydrocarbon Oil **L 158**
Fouling
Characteristics of Rheinsch Brown Coals With Respect to Their Combustion and Fouling Behavior in Thermal Power Stations (76-WA/CD-3) **P 679**
Four-Bar Function Generators
Design of Four-Bar Function Generators With Mini-Max Transmission Angle (76-DET-8) **I 360**; (D) **I 365**; (AC) **I 366**
Four-Bar Linkages
Computerized Synthesis of Straight-Line Four-Bar Linkages from Inflection Circle Properties (76-DET-27) **I 610**
Four-Link Mechanisms
The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four-Link Mechanisms (76-WA/DE-24) **I 715**
Four-Point Bending
The Effect of Strain Rate Upon the Bending Behavior of Materials (76-Mat-FF) **MT 47**
Fourier Synthesis
Impact of a Rigid Body on an Elastic Half Space **AM 227**
Fowler, J. E. Factors Affecting the Design of Turbine-Condenser Connections (76-JPGC-Pwr-3) **P 429**
Fox, T. S. A Method for the Construction of Flow Nozzles and Wind Tunnel Contraction Sections (TB) **F 772**
Fractographic Analysis
Elevated-Temperature Mechanical Behavior of a Carbon-Manganese Pressure Vessel Steel **MT 359**
Fracture
Characterization of Fracture in Vessels and Piping (76-WA/PVP-2) **PVT 144**
Dynamic Fracture of 6061-T6 Aluminum Cylinders (77-WA/APM-14) **AM 643**
Effect of Axial Force on Dynamic Fracture of a Beam or Plate in Pure Bending (77-WA/APM-22) **AM 647**
Fracture in Straight Pipes Under Large Deflection Conditions—Part I: Structural Deformations (76-PVP-9) **PVT 122**; Part II: Pipe Pressures (76-PVP-14) **PVT 128**
Fracture and Wear as Factors Affecting Stochastic Tool-Life Models and Machining Economics (75-WA/Prod-8) **I 281**; (D) (AC) **I 508**
Fracture Criteria
A Fracture Criterion for Porous Materials and Its Application to the Shape of Sintered Preforms in Forging **MT 16**
Fracture Mechanics
Applicability of Fracture Mechanics Parameters to Crack Propagation Under Creep Condition **MT 298**
Cumulative Fatigue by Fracture Mechanics (BN) **AM 769**
Deformation and Fracture Mechanics of Engineering Materials (BR) **96**
Delay Effects in a Pressure Vessel Material—5083-O Aluminum (76-WA/PVP-1) **PVT 427**
Determination of Stress Intensity Factors for Gradient Stress Fields (76-WA/PVP-10) **PVT 477**
Fatigue Crack Propagation in A533B Steels (76-WA/PVP-6) **PVT 459**
Fracture Mechanics Parameters for a 5083-0 Aluminum Alloy at Low Temperatures **MT 306**
Near-Threshold Fatigue Crack Propagation in Ultra-High Strength Steel: Influence of Load Ratio and Cyclic Strength **MT 195**
Fracture Patterns
Multiple Fracture of Beams Under Localized Impulsive Loading (77-APM-23) **AM 259**
Fracture Properties
A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) **PVT 470**
Fracture Resistance
Enhancement of Fatigue Crack Growth and Fracture Resistance in Ti-6Al-4V and Ti-6Al-6V-2Sn Through Microstructural Modification **MT 313**
Fracture Strength
Defects and Fracture Strength of Large Rotor Forgings for Steam Turbines (75-Pwr-10) **P 134**; (D) (AC) **P 142**
Prediction of Bending Strength of Long Bones From Measurements of Bending Stiffness and Bone Mineral Content **BE 40**
Fracture Toughness
The Fracture Toughness of Cast High-Strength Steels (76-Mat-HH) **MT 70**
Fracture Toughness Properties of SA540 Steels for Nuclear Bolting Applications **PVT 419**
Fractured Sandstones
Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) **PVT 187**
Francis, G. P. Comparison of Diastolic Ventricular Mechanics for Rigid Leaflet and Caged-Ball Prosthetic Valves **BE 178**
Francis, P. H. *(editor)* Dynamic Problems of Thermoelasticity (BR) **AM 366**
Frankenberg, T. T. Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate

Levels (76-WA/APC-1) **P 335**; (D) (AC) **P 341**

Frarey, J. L. Vibrational Characteristics of Ball Bearings (D) **L 288**; (AC) **L 289**

Frederking, T. H. K. Free Convection at Supercritical Pressures in Cryo-Fluid Helium-I (76-WA/PID-14) **I 723**; Lambda—Transition (He II—He I) During Heat Flow at Supercritical Pressures **HT 479**

Frediani, H. A., Jr. Mathematical Model for Spray Cooling Systems **P 279**

Free Convection

A Criterion of Onset of Free Convection in a Horizontal Melted Water Layer With Free Surface **HT 92**

Free Convection Boundary Layers on Cylinders of Elliptic Cross Section **HT 453**

Free Convection Effects on the Stokes Problem for an Infinite Vertical Plate (TN) **HT 499**

Free Convection in an Enclosure Revisited (TN) **HT 340**

Free Convection Heat Transfer Across Inclined Honeycomb Panels **HT 86**

Free Convection Along A Nonisothermal Vertical Flat Plate (75-WA/HT-15) **HT 72**

Free Convection at Supercritical Pressures in Cryo-Fluid Helium-I (76-WA/PID-14) **I 723**

Free Convection Flow

The Natural Convection of Air Over a Heated Plate With Forward-Facing Step (76-HT-15) **HT 439**

Free Edge Paradox

Optimal Beam Layouts: The Free Edge Paradox **AM 693**

Free-End Problem

The Crack-Contact and the Free-End Problem for a Strip Under Residual Stress (77-APM-3) **AM 41**

Free-Stream Turbulence

Analysis of Effects of Free-Stream Turbulence on Heat Transfer and Skin Friction **HT 614**

Free-Stream Vorticity Disturbances

Free-Stream Vorticity Disturbances Adjusting to the Presence of a Plate—A Quarter-Plane Problem **AM 529**

Free-Streamline Models

A Free-Streamline Model for Bluff Bodies in Confined Flow **F 585**

Free Streamlines

Stability of a Curved Free Streamline (TB) **F 603**

Free Surface Flow

Conditions for a Pipe to Run Full When Discharging Liquid Into a Space Filled With Gas **F 405**

Free Surfaces

Interaction Between an Oscillating Bubble and a Free Surface (77-FE-6) **F 709**; (D) (AC) **F 716**

The Near-Field Disturbance Created by a Body in a Stratified Medium With a Free Surface (77-WA/APM-18) **AM 534**

Free Turbulent Mixing

Free Turbulent Shear Layers on Plug Nozzles **F 301**; (D) **F 308, 309**; (AC) **F 310**

Free Vibration

Free-Vibration Analysis of Rectangular Plates With Clamped-Simply Supported Edge Conditions by the Method of Superposition **AM 743**

A Theorem on the Free Vibration of Damped Systems (77-APM-6) **AM 132**

Freedman, J. M. Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) **AM 250**

Freeman Scholar Lecture

Some Current Research in Unsteady Fluid Dynamics—The 1976 Freeman Scholar Lecture **F 8**

Freezing

Freezing of an Advancing Tube Flow (TN) **HT 687**

Singular Perturbation Theory for Melting or Freezing in Finite Domains Initially Not at the Fusion Temperature **AM 25**

A Solution of Freezing of Liquids of Low Prandtl Number in Turbulent Flow Between Parallel Plates **HT 20**

Freezing-Controlled Penetration

Freezing-Controlled Penetration of a Saturated Liquid Into a Cold Tube **HT 233**

Freight Car Journal Use

Reliability of Railroad Roller Bearings (76-LubS-18) **L 30**; (D) **L 36–39**; (AC) **L 39**

Freight Car Suspensions

Influence of Axle Load, Track Gage, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) **I 186**

Freight-Car Trucks

Effects of Truck Design on Hunting Stability of Railway Vehicles (76-WA/RT-1) **I 162**

Performance Characteristics of Freight-Car Trucks Determined Through Road Testing (76-WA/RT-4) **I 196**

Freight Car Wheels

Analysis of Thermal Stresses and Residual Stress Changes in Railroad Wheels Caused by Severe Drag Braking (75-WA/RT-3) **I 18**

Freight Cars

Dynamic Simulation of Freight Car and Lading During Impact (77-RT-3) **I 859**

Fracture Dislocated Spines

A Motion Transducer for Use in the Intact In-Vitro Human Lumbar Spine **BE 160**

Frequency Composition

Shape and Frequency Composition of Pulses from an Impact Pair (76-DET-36) **I 513**

Frequency Domain Approach

Frequency Domain Approach to the Computation of the Impulse Response of Population Systems **DS 249**

Frequency Factors

Frequency and Loss Factors of Tapered Symmetric Sandwich Beams (BN) **AM 511**

Frequency Response

Frequency Response of a Tube Bundle in Water (TB) **F 416**

Frequency Response Conversion

Transient Response of Fluid Lines by Frequency Response Conversion (TB) **DS 310**

Freudenstein, F. Analytical Design of Cam-Type Angular-Motion Compensators (D) (AC) **I 386**; The Multiport Lever: A Mechanical Logical Element (76-DET-11) **I 353**; (D) **I 358**; (AC) **I 359**; A New Constant Velocity Coupling (D) **I 372**; (AC) **I 374**

Freund, L. B. Effect of Axial Force on Dynamic Fracture of a Beam or Plate in Pure Bending (77-WA/APM-22) **AM 647**

Freymuth, P. Free Turbulent Shear Layers on Plug Nozzles (D) **F 308**; (AC) **F 310**

Frick, T. M. The Viscoplastic Bending of Copper-Nickel and Steel Tubing **MT 387**

Friction

Adhesive Wear of Polymers **L 396**

Friction Factor for Isothermal and Nonisothermal Flow Through Porous Media **HT 367**

Friction and Wear of Glass and Carbon Fiber-Filled Thermoplastic Polymers **L 408**

Friction and Wear of Sintered Fibermetal Abradable Seal Materials **L 421**

Interface Crack With Friction in the Contact Zone (BN) **AM 780**

Friction Damping

Forced Vibration of Tube Support Plates in Power Plant Condensers, With Friction Damping (76-Pwr-A) **P 106**

Frictional Boundaries

An Approximate Method of Analysis of the Transmission of Elastic Waves Through a Frictional Boundary **AM 652**

Frictional Contact

A Theoretical Study of the Effects of Cooling on Thermoelastic Contact Instabilities (76-Lub-14) **L 247**; (D) (AC) **L 253**

Frictional Mechanisms

The Frictional Mechanism on the Surface of Metal Being Plastically Deformed by Drawing (76-WA/Prod-22) **I 242**

Friedericy, J. A. A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) **P 391**

Friedman, M. B. Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) **PVT 367**

Friedman, M. H. Experimental Investigations of Steady and Pulsatile Laminar Flow in a 90° Branch **AM 372**

Friedman, S. Chemical Cleaning of Coal (76-WA/APC-2) **P 361**

Friedman, S. B. Fluidic Thermistors or Fluidic Temperature Sensing With Capillaries (D) (AC) **P 411**

Frith, D. A. Generalized Flow Across an Abrupt Enlargement (D) (AC) **P 492**

Frivik, P. E. Thermal Design of Pavement Structures in Seasonal Frost Areas **HT 533**

Frohrib, D. A. An Approximate Method for the Dynamic Analysis of Elastic Linkages (76-DET-49) **I 449**

Frost Formation

Study of Frost Properties Correlating With Frost Formation Types **HT 239**

Frost Prevention Techniques

Thermal Design of Pavement Structures in Seasonal Frost Areas **HT 533**

Frozen Erythrocytes

The Concentration Polarization Effect in Frozen Erythrocytes **BE 65**

Freudenstein, F. Design of Four-Bar Function Generators With Mini-Max Transmission Angle (D) **I 365**; (AC) **I 366**

Fruehauf, H.-H. Applicability of Axisymmetric Analysis in Predicting Supersonic Flow Through Annular Cascades (76-Pwr-B) **P 115**

Fucinari, C. A. The Effect of Fin Geometry and Manufacturing Process on Ceramic Regenerator Thermodynamic Performance (77-GT-61) **P 638**

Fuel-Air Mixture

Autoignition Characteristics of Hydrocarbon Fuels at Elevated Temperatures and Pressures (76-GT-3) **P 83**

Fuel-Bearing Plates

Flow-Induced Bending of Rectangular Plates (77-APM-14) **AM 207**

Fuel Conservation

Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) **P 645**

Oil Conservation in Home Heating (76-WA/Fu-8) **P 413**; (D) (AC) **P 417**

Fuel Emissions

Optimization of Automotive Engine Fuel Economy and Emissions **DS 109**

Fuel-Fired Boilers

Particulate Emissions from Residual Fuel Fired Boilers: Influence of Combustion Modification (76-WA/APC-3) **P 371**

Fuel Nozzle Sprays

The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays—Part I: The Drop-Size/Volume-Fraction Distribution Number Distribution (76-WA/DT-10) **P 315**

Fuel Utilization

Improvement of Seasonal Efficiency of Residential Heating Systems (76-WA/Fu-7) **P 329**; (D) **P 333, 334**; (AC) **P 334**

Fuels

An Investigation on the Diffusion of Momentum and Mass of Fuel in a Diesel Fuel Spray (76-DGP-1) **P 225**; (D) **P 235**; (AC) **P 236**

The NOx Emission Levels of Unconventional Fuels for Gas Turbines (77-GT-16) **P 575**

Fuels Technology

A History of the ASME Fuels Division **P 261**

Fujii, S. Shock Wave and Flow Velocity Measurements in a High Speed Fan Rotor Using the Laser Velocimeter (D) (AC) **P 188**

Fukusako, S. A. Criterion of Onset of Free Convection in a Horizontal Melted Water Layer With Free Surface **HT 92**

Fuller, A. T. A Note on the Early Development of Control Theory (D) **DS 317**

Fuller, E. R., Jr. Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) **MT 143**

Function Generation

Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) **I 124**

Functional Dimensions

A Method for Optimal Tolerance Selection (76-WA/DE-23) **I 558**

Funk, P. E. Transmissibility Study of a Flexibly Mounted Rolling Element Bearing in a Porous Bearing Squeeze-Film Damper (76-Lub-4) **L 50**

Fung, Y. -C. Stability Analysis of Straight and Buckled Two-Dimensional Channels Conveying an Imcompressible Flow **AM 548**

Funnel Flow

Bunker Design—Part 1: Bunker Outlet Design and Initial Measurements of Wall Pressures **I 809**; Part 2: Wall Pressures in Mass Flow **I 814**; Part 3: Wall Pressures and Flow Patterns in Funnel Flow **I 819**; Part 4: Recommendations **I 824**

Furst, R. B. An Experimental Study of Surge in Centrifugal Compressors (D) **F 124**; (AC) **F 130**; The Time Domain of Centrifugal Compressor and Pump Stability and Surge (D) **F 611**; (AC) **F 621**

Fused Silica

Pressure-Shear Waves in 6061-T6 Aluminum Due to Oblique-Plate-Impact **AM 85**

Fusion Joining Processes

Investigation of Spiking in Electron Beam Welding Using Stationary Stochastic Models (76-WA/Prod-10) **I 323**

Fusion Temperatures

Singular Perturbation Theory for Melting or Freezing in Finite

Domains Initially Not at the Fusion Temperature **AM 25**

G

Gabriele, G. A. Application of a New Penalty Function Method to Design Optimization (76-DE-C) **I 31**; The Generalized Reduced Gradient Method: A Reliable Tool for Optimal Design (76-DE-E) **I 394**

Gaggioli, R. A. Economics of Feedwater Heater Replacement (76-JPGC-Pwr-7) **P 482**; (D) **P 488**; (AC) **P 489**

Gallagher, R. H. Instability Analysis of Torispherical Pressure Vessel Heads with Triangular Thin-Shell Finite Elements (76-PVP-33) **PVT 64**

Gallehy, G. D. Stress and Buckling of Internally Pressurized, Elastic-Plastic Torispherical Vessel Heads—Comparisons of Test and Theory (76-PVP-23) **PVT 39**

Gallus, H. E. Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) **P 537**

Gammage, W. E. Design, Fabrication and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) **PVT 164**; A Method for Analysis of a Prototype Articulated Multiline Marine Production Riser System (76-Pet-46) **PVT 170**

Gangadharan, A. C. Failure Data and Failure Analysis: In Power and Processing Industries (PVP-PB-023) **PVT 535**

Gardner, T. N. Design and Analysis of Multilink Flexible Mechanisms With Multiple Clearance Connections (76-DET-9) **I 88**

Gardner, W. W. Bearing Oil Delivery by Disk-Scraper Means (76-Lub-2) **L 174**; (D) (AC) **L 178**

Garg, V. K. Capsule-Pipelining—An Improved Theoretical Analysis **F 763**; Dynamic Simulation of Freight Car and Lading During Impact (77-RT-3) **I 859**; Influence of Nonlinear Wheel/Rail Contact Geometry on Stability of Rail Vehicles (D) **I 923, 924**; (AC) **I 925**; Linear Stability of Flow in a Concentric Annulus (BN) **AM 338**; Linear Stability of Jet Flows (77-WA/APM-10) **AM 378**

Garrard, W. L. Vehicle-Follower Longitudinal Control for Automated Transit Vehicles **DS 241**

Gartshore, I. S. Effect of Wind Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (D) (AC) **F 785**; An Investigation of the Forces on Three Dimensional Bluff Bodies in Rough Wall Turbulent Boundary Layers (D) (AC) **F 510**; Roughness Element Geometry Required for Wind Tunnel Simulations of the Atmospheric Wind (76-WA/FE-18) **F 480**

Gas Bearings

A Variable Wave Speed Technique for the Steady-State Analysis of Low-Clearance Gas Bearings (76-Lub-17) **L 339**; (D) **L 344**; (AC) **L 345**

Gas Bubbles

Conditions for a Pipe to Run Full When Discharging Liquid Into a Space Filled With Gas **F 405**

Effect of Gas Bubbles on Behavior of Isothermal Michell Bearings **L 354**

Gas-Droplet Flows

The Particle-Source-In Cell (PSI-CELL) Model for Gas-Droplet Flows **F 325**

Gas-Filled Enclosures

A Mathematical Solution for Gas-to-Surface Radiative Exchange Area for a Rectangular Parallelepiped Enclosure Containing a Gray Medium **HT 203**

Gas Flow

Gas Flow in a Permeable Earth Formation Containing a Crack **AM 553**

Transient Non-Darcy Gas Flow in a Finite Porous Bed (TB) **F 779**

Gas-to-Gas Applications

The Concept of Irreversibility in Heat Exchanger Design: Counterflow Heat Exchangers for Gas-to-Gas Applications **HT 374**

Gas-Lubricated Bearings

An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (D) (AC) **L 307**

Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (76-Lub-32) **L 331**; (D) (AC) **L 338**

Gas Lubrication

Analysis of the Stiffness and Damping Characteristics of an Externally Pressurized Porous Gas Journal Bearing **L 295**

Gas Mixtures

Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) **P 645**

Spectral Absorption of Water Vapor and Carbon Dioxide Mixtures in the 2.7 Micron Band **HT 53**

Gas-Particle Flow

Erosion of a Tube by Gas-Particle Flow (76-WA/Mat-9) **MT 138**

Gas Path Sealing

Friction and Wear of Sintered Fibermetal Abradable Seal Materials **L 421**

Gas Porosities

Review of the Mechanical Properties of Cast Steels With Emphasis on Fatigue Behavior and the Influence of Microdiscontinuities **MT 329**

Gas Radiation

Effect of Molecular Gas Radiation on a Planar, Two-Dimensional, Turbulent-Jet-Diffusion Flame (76-HT-54) **HT 221**

Gas-Solid Mixtures

Heat Transfer to Flowing Gas-Solid Mixtures (TN) **HT 145**

Gas-to-Surface Radiative Exchange

A Mathematical Solution for Gas-to-Surface Radiative Exchange Area for a Rectangular Parallelepiped Enclosure Containing a Gray Medium **HT 203**

Gas Sources

The Deflection of an Ice Sheet by a Submerged Gas Source **AM 279**

Gas Thrust Bearings

An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (76-Lub-9) **L 82**

A Cantilever Mounted Resilient Pad Gas Thrust Bearing **L 95**

The Dual Action Gas Thrust Bearing—A New High Load Bearing Concept (76-Lub-11) **L 89**

Dynamic Characteristics of Externally Pressurized Rectangular Porous Gas Thrust Bearings (D) (AC) **L 141**

Dynamic Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) **L 101**

Gas Tracers

Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (76-WA/APC-1) **P 335**; (D) (AC) **P 341**

Gas Turbine Combustors

Catalysts for Gas Turbine Combustors—Experimental Test Results (76-GT-4) **P 159**

A Simple Gas Turbine Combustor NOx Correlation Including the Effect of Vitiated Air (76-GT-5) **P 145**; (Er) **P 481**

Gas Turbine Blades

Film Cooling of Gas Turbine Blades: A Study of the Effect of Large Temperature Differences on Film Cooling Effectiveness (76-GT-2) **P 11**

Gas Turbine Engines

Analytical and Experimental Investigation of the Stability of Intershaft Squeeze Film Dampers—Part 1: Demonstration of Instability (76-GT-55) **P 47**

Filtered Sequential Regression Parameter Identification Applied to a Gas Turbine Engine Model **DS 253**

Gas Turbine Silencers

On the "In-Situ" Control of Acoustic Liner Attenuation (76-GT-61) **P 63**

Gas Turbines

Aerothermodynamic Performance of a Variable Nozzle Power Turbine Stage for an Automotive Gas Turbine (77-GT-95) **P 587**

The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays--Part I: The Drop-Size/Volume-Fraction Distribution (76-WA/GT-9) **P 309**; Part II: The Drop-Size/Number Distribution (76-WA/GT-10) **P 315**

Heat Exchanger Design Considerations for Gas Turbine HTGR Power Plant (76-GT-53) **P 237**

Land Gas Turbine Exhaust Noise (77-GT-12) **P 526**

The NOx Emission Levels of Unconventional Fuels for Gas Turbines (77-GT-16) **P 575**

A Potential Low NOx Emission Combustor for Gas Turbines Using the Concept of Hybrid Combustion (77-GT-15) **P 631**

The Pulsed Thermocouple for Gas Turbine Application (76-GT-1) **P 1**

A Simple Pressure-Gain Combustor for Gas Turbines (76-GT-6) **P 153**

Status Report on Closed-Cycle Power Plants in the Federal Republic of Germany (76-GT-54) **P 37**

Gas Velocity Measurements

Shock Wave and Flow Velocity Measurements in a High Speed Fan Rotor Using the Laser Velocimeter (76-GT-49) **P 181**; (D) (AC) **P 188**

Gaseous Emissions

Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) **P 320**

Gaseous Film Cooling

Experimental and Predicted Recovery Temperature Distributions in a Rocket Nozzle With Gaseous Film Cooling **HT 386**

Gaseous Flow

Friction Factor for Isothermal and Nonisothermal Flow Through Porous Media **HT 367**

Gaseous Thermal Radiation

A Theoretical and Experimental Study of Radiation-Convection Interaction in a Diffusion Flame **HT 212**

Gases

A Correlating Equation for Forced Convection from Gases and Liquids to a Circular Cylinder in Crossflow **HT 300**

Erosive Effects of High Pressure and High Temperature Gases on Steel **MT 239**

Simple Predictions for the Sonic Conditions in a Real Gas **F 217**

The Use of the Milne-Eddington Absorption Coefficient for Radiative Heat Transfer in Combustion Systems **HT 458**

Gaskets

On the Design of Bolted Connections With Gaskets Subjected to Fatigue Loading (76-DET-57) **I 388**; (D) (AC) **I 393**

Gasoline Engine Exhaust

Corrosion Performance of Austenitic Alloys in Automobile Exhaust Environments **MT 234**

Gaussian Noise

Generalized Cumulants Representing a Transient Random Process in a Linear System **DS 103**

Gautesen, A. K. Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) **AM 243**

Gauvin, R. Dynamic Stability of a Two-Stage Gear Train Under the Influence of Variable Meshing Stiffnesses **I 785**

Gauzes

An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers With Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) **F 357**

Gdoutos, E. E. Experimental Solution of Flexed Plates by the Method of Caustics (77-APM-12) **AM 107**

Gear Trains

Dynamic Stability of a Two-Stage Gear Train Under the Influence of Variable Meshing Stiffnesses **I 785**

A Systems Approach to Determining Actual Misalignment and Load Distribution for Cylindrical Roller Bearings in Commercial Gear Trains (76-LubS-15) **L 41**; (D) **L 46-48**; (AC) **L 49**

Geared Five-Link Mechanisms

Gross Motion Analysis of Planar Linkages With Application to a Geared Five-Bar (76-DET-31) **I 674**

Geared Torsional Systems

Digital Simulation of Impact Phenomenon in Spur Gear Systems **I 792**

Gebben, V. D. Bond Graph Bibliography for 1961–1976 **DS 143**

Generalized Cumulants

Generalized Cumulants Representing a Transient Random Process in a Linear System **DS 103**

Generalized Flow

Generalized Flow Across an Abrupt Enlargement (D) (AC) **P 492**

Generalized Reduced Gradient Method

The Generalized Reduced Gradient Method: A Reliable Tool for Optimal Design (76-DE-E) **I 394**

Generalized Wave Equations

Integrable Generalized Wave Equations Exhibiting a Hypoelastic Compressible Rate-Sensitive Material Flow (77-WA/APM-2) **AM 419** (Er) **AM 803**

Generated Motion

Thrust Bearing Characteristics in Impulsively Generated Motion **L 365**

Geometric Constraints

A Numerical Method for the Dynamic Analysis of Mechanical Systems in Impact (76-DET-1) **I 665**

Geometric Nonlinearities

Finite Element Static Analysis of Axisymmetric Solids With Material and Geometric Nonlinearities (76-PVP-A) **PVT 386**

Geometric Variables
The Interplay of Geometric and Materials Variables in Energy Absorption **MT 114**
Geometrical Theories
Mechanical Couplings—A Geometrical Theory (D) (AC) **I 919**
George, W. K. *(author)* The Accuracy of Flow Measurements by Laser-Doppler Methods (BR) **DS 220**
Geothermal Drill Bits
Geothermal Drill Bit Improvement—Specific Application to the Geysers (77-Pet-67) **PVT 619**
Seals for Geothermal Roller Drill Bits (77-Pet-53) **PVT 614**
Geothermal Energy
Geothermal Energy: Heat Extraction From Hot Dry Rock Masses (77-Pet-41) **PVT 612**
Geothermal Reservoirs
Downhole Measurements of Thermal Conductivity in Geothermal Reservoirs (77-Pet-23) **PVT 607**
Gerdeen, J. C. Residual Ductility and Residual Stresses in Formed Heads (77-PVP-13) **PVT 593**
Gerhard, E. R. Heat Transfer to Water in Downward Flow in a Uniform Wall Temperature Vertical Tube at Low Graetz Numbers **HT 586**
German Language Literature
Review of Materials Processing Literature 1973-1975 German Language Literature—Part 1: Metal Forming **I 889**; Part 2: Metal Removal **I 896**
Germanium Sensor Titanium Thermometer
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) **P 385**
Gershuni, G. Z. *(author)* Convective Stability of Incompressible Fluids (BR) **AM 516**
Geselowitz, D. B. Dynamic Model of a Sac-Type Pneumatically Driven Artificial Ventricle **BE 14**
Gessner, F. B. A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (77-FE-4) **F 347**; A Note in Comment on "A Reynolds Stress Model for Turbulent Corner Flows" (D) **F 596**; (AC) **F 597**
Geysers
Geothermal Drill Bit Improvement—Specific Applications to the Geysers (77-Pet-67) **PVT 619**
Ghai, R. C. - Static and Dynamic Analysis of Capillary Compensated Hydrostatic Journal Bearings by Finite Element Methods **L 478**
Ghia, K. N. Entry Flow in Straight and Curved Channels With Slender Channel Approximations (D) **F 673**; (AC) **F 674**; Laminar Incompressible Viscous Flow in Curved Ducts of Regular Cross-Sections **F 640**; Numerical Computation of Flow in Rotating Ducts (D) **F 433**; (AC) **F 445**; Laminar Incompressible Recirculating Flow in a Driven Cavity of Polar Cross Section (TB) **F 774**
Ghose, S. Prediction of Flow Separation in a Diffuser by a Boundary Layer Calculation (D) **F 387**; (AC) **F 388**
Ghosh, A. K. The Influence of Strain Hardening and Strain-Rate Sensitivity on Sheet Metal Forming **MT 264**
Ghosh, P. K. Large Deflection of a Rectangular Plate Resting on a Pasternak-Type Elastic Foundation (BN) **AM 509**
Giaquinta, A. R. Numerical Modeling of Unsteady, Separated Viscous Flow **F 657**
Giddens, D. P. Measurements of Velocity Wave Forms in the Dog Aorta (D) **F 262**; (AC) **F 263**
Giedt, W. H. Experimental and Predicted Recovery Temperature Distributions in a Rocket Nozzle With Gaseous Film Cooling **HT 386**; Spectral Absorption of Water Vapor and Carbon Dioxide Mixtures in the 2.7 Micron Band **HT 53**
Gilbert, E. R. Creep Deformation of 20 Percent Cold Worked Type 316 Stainless Steel **MT 168**
Gill, W. N. An Approximate Analysis of Laminar Dispersion in Circular Tubes (D) (AC) **AM 360**
Gill's Coefficients
On the Improvement of Deconvolution With Digitized Data Using a Runge-Kutta Integration Scheme **DS 190**
Gilpin, R. R. The Effect of Cooling Rate on the Formation of Dendritic Ice in a Pipe With No Main Flow **HT 419**; Radiative Heating in Ice **HT 227**
Gin Cleaning
The Effects of Fiber Properties and Preparation on Trash Removal and Properties of Open-End Cotton Yarns (76-Tex-7) **I 71**
Gittus, J. H. Theory of Superplastic Flow in Two-Phase Materials: Roles of Interphase-Boundary Dislocations, Ledges, and Diffusion **MT 244**
Giri, J. Nonlinear Stability Analysis of an Eccentrically Loaded Two-Bar Frame **AM 701**
Gladwell, G. M. L. The Contact Problem for a Rigid Cylinder Pressed Between Two Elastic Layers (76-APM-QQ) **AM 36**
Glass
Friction and Wear of Glass and Carbon Fiber-Filled Thermoplastic Polymers **L 408**
Glass Honeycomb Collectors
Performance Measurements of a Cylindrical Glass Honeycomb Solar Collector Compared With Predictions (76-WA/Sol-3) **HT 169**
Glicksman, M. E. The Elastic Energy of Interacting Edge Dislocations in Infinite Array (77-WA/APM-20) **AM 595**
Global Regions
Determination of Global Regions of Asymptotic Stability for Difference Dynamical Systems **AM 147**
Godet, M. Surface Temperatures in Distributed Contacts Application to Bearing Design **L 277**
Godet, M. *(editor)* Cavitation and Related Phenomena in Lubrication (BR) **L 136**
Godunov-Conte Method
Godunov-Conte Method for Solution of Eigenvalue Problems and Its Applications (BN) **AM 776**
Goel, R. P. Effect of J_2 on Creep and Relaxation in a Plate With a Central Hole (76-Mat-GG) **MT 76**
Goldberg, J. Frequency Response of a Tube Bundle in Water (TB) **F 416**
Goldschmidt, V. Increased Turbulent Jet Mixing Rates Obtained by Self-Excited Acoustic Oscillations (D) **F 788**; (AC) **F 789**
Goldstein, H. L. Particulate Emissions from Residual Fuel Fired Boilers: Influence of Combustion Modification (76-WA/APC-3) **P 371**
Goldstein, L., Jr. Heat/Mass Transfer Characteristics for Flow in a Corrugated Wall Channel **HT 187**
Goldstein, R. J. Film Cooling With Large Density Differences Between the Mainstream and the Secondary Fluid Measured by the Heat-Mass Transfer Analogy **HT 620**
Golinski, J. A. On Some Problems Associated With Vibration Isolation of Ship Machinery (76-DE-A) **I 24**
Gofos, S. A Mathematical Model for Transient Subchannel Analysis of Rod-Bundle in Nuclear Fuel Elements (D) (AC) **HT 347**
Goodman, M. A. Loading Mechanisms in Thawed Permafrost Around Arctic Wells (77-Pet-22) **PVT 641**
Goodson, R. E. Optimization of Automotive Engine Fuel Economy and Emissions **DS 109**
Gopalakrishnan, S. An Experimental Investigation of the Control of Surge in Radial Compressors Using Close Coupled Resistances (D) **F 74**; (AC) **F 75**; Estimation of Centrifugal Compressor Stability With Diffuser Loss-Range System (D) **F 81**; (AC) **F 82**
Gordon, H. S. Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) **AM 322**
Gordon, P. F. Accurate Transform Inversion in the Elastodynamics of Heterogeneous Media (BN) **AM 352**; (Er) **AM 513**
Gorman, D. J. Dynamics of Heat Exchanger Tube Banks (D) **F 467**; (AC) **F 469**; Free-Vibration Analysis of Rectangular Plates With Clamped-Simply Supported Edge Conditions by the Method of Superposition **AM 743**
Gorton, C. A. Three-Dimensional Flow Field in Rocket Pump Inducers Part 2: Three-Dimensional Viscid Flow Analysis, and Hotwire Data on Three-Dimensional Mean Flow and Turbulance Inside the Rotor Passage (75-WA/FE-21) **F 176**
Gostelow, J. P. A New Approach to the Experimental Study of Turbomachinery Flow Phenomena (76-GT-47) **P 97**
Goto, M. On One Analysis of Axisymmetric Extrusion by the Use of Flow Lines (76-Prod-B) **I 419**
Gottlieb, C. L. Compliance of the Human Ankle Joint (77-WA/Bio-2) **BE 166**
Goyal, R. K. Laminar Incompressible Recirculating Flow in a Driven Cavity of Polar Cross Section (TB) **F 774**
Gradient Stress Fields
Determination of Stress Intensity Factors for Gradient Stress Fields (76-WA/PVP-10) **PVT 477**
Graebel, W. P. The Elasticity of Sclera and Choroid of the Human Eye, and Its Implications on Scleral Rigidity and Accommodation **BE 203**
Graetz Numbers
Heat Transfer to Water in Downward Flow in a Uniform Wall Temperature Vertical Tube at Low Graetz Numbers **HT 586**
Graham, J. S. Effects of Spindle Centering on Ring-Spinning Tension (76-Tex-2) **I 51**
Graham, R. W. Direct Measurement of Wall Shear Stress With Mass Transfer in a Low Speed Boundary Layer (D) **F 784**; (AC) **F 785**
Grandt, A. F. Corner Crack at the Bore of a Rotating Disk (Er) **P 96**
Granular Materials
The Theory of Static Loads in Bins (77-WA/APM-1) **AM 409**
Granular Solids
Small-Amplitude Wave Behavior in One-Dimensional Granular Solids **AM 559**
Graphite/Epoxy Composites
Low Level Charpy Impact Response of Graphite/Epoxy Hybrid Composites **MT 257**
Graphical Solutions
Graphical Solution of the Branch and Order Problems of Linkage Synthesis for Multiply Separated Positions (76-DET-16) **I 591**
Graves, R. F. A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) **P 391**
Gray, K. E. The Influence of Drying and Stress on the Permeability of Texas Lignite (77-Pet-26) **PVT 634**
Gray Media
A Mathematical Solution for Gas-to-Surface Radiative Exchange Area for a Rectangular Parallelepiped Enclosure Containing a Gray Medium **HT 203**
Graybill, J. E. "IRIS" A Computerized High Head Pump Turbine Design System (76-WA/FE-12) **F 567**; (D) **F 577, 578**; (AC) **F 579**
Green, A. E. A Note on Thermodynamics of Constrained Materials (BN) **AM 787**; Water Waves in a Non-homogeneous Incompressible Fluid (77-WA/APM-27) **AM 523**
Green, E. Stochastic Characterization of Macro- and Microerrors of Journal Bearing Roundness (D) **I 334**; (AC) **I 335**
Greene, P. R. Increased Turbulent Jet Mixing Rates Obtained by Self-Excited Acoustic Oscillations (77-FE-18) **F 520**
Greenhill's Formula
The Application of Greenhill's Formula to Cable Hockling (D) (AC) **AM 361**
Green's Functions
Heat Conduction in an Anisotropic Medium Homogeneous in Cylindrical Regions—Unsteady State **HT 41**
Greenwood, D. T. *(author)* Classical Dynamics (BR) **AM 517**
Gregory, E. W. A Class of Maximum Load Capacity Sector Thrust Bearings (76-Lub-6) **L 180**; (D) **L 184**; (AC) **L 186**
Greitzer, E. M. An Experimental Study of Surge in Centrifugal Compressors (D) **F 125**; (AC) **F 130**; The Time Domain of Centrifugal Compressor and Pump Stability and Surge (D) **F 60**; (AC) **F 62**; The Response of Turbomachine Blades to Low Frequency Inlet Distortions (76-GT-19) **P 195**
Griffin, D. S. *(reviewer)* Dynamics of Structures (BR) **AM 366**; *(reviewer)* Shock and Vibration Computer Programs, Reviews and Summaries (BR) **AM 367**
Griffin, J. P. Hysteresis Test on Bolts (TB) **I 909**
Griffith Cracks
On the Tensile and Compressive Strength of Solids Weakened (Strengthened) by an Inhomogeneity (77-WA/APM-4) **AM 449**
Grillages
Optimal Beam Layouts: The Free Edge Paradox **AM 693**
Optimal Structural Design of Flexural Systems: Beams, Grillages, Slabs, Plates, and Shells (BR) **AM 516**
Grimes, D. L. Feasibility of an Active Control Scheme for Above Knee Prostheses (77-WA/Bio-8) **BE 215**
Grinders
On the Doubly Regenerative Stability of a Grinder: the Combined Effect of Wheel and Workpiece Speed (76-WA/Prod-19) **I 237**
Grinding
Asme Review of Materials Processing Literature 1973-1975: Grinding **I 901**
Grinding Wheel
On The Doubly Regenerative Stability of a Grinder: The Combined Effect of Wheel and Workpiece Speed (D)

(AC) **I 921**

Gronbaek, J. Optimum Design of Ribbon and Wire Wound Cylinders for Metal Forming Dies (76-WA/Prod-28) **I 733**

Grinding
Wear of Abrasives in Simulated Hot Grinding **L 415**

Grochowsky, L. D. Heat Transfer Between an Impinging Jet and a Rotating Disk (76-WA/HT-2) **HT 663**

Grood, E. S. Estimation of Systemic Arterial Impedance in Man From Cardiac Catheterization Data (76-WA/Bio-6) **BE 9**

Grooves
Field Application of Externally Stress-Relieved Drill Collars (76-Pet-39) **PVT 149**

Groschup, G. Status Report on Closed-Cycle Power Plants in the Federal Republic of Germany (76-GT-54) **P 37**

Gross Yielding
Plastic Strain Concentrations in Ligaments (76-PVP-32) **PVT 328**

Grossman, G. Continuous Extrusion by Viscous Drag (76-Mat-Z) **MT 52**

Gross Motion Analysis
Gross Motion Analysis of Planar Linkages With Application to a Geared Five-Bar (76-DET-31) **I 674**

Gross Motion Simulators
A Three-Dimensional Mathematical Simulation of Pedestrian-Vehicle Impact With Experimental Verification (76-WA/Bio-1) **BE 116**

Ground Effects Machine
Arctic Transportation: Operational and Environmental Evaluation of an Air Cushion Vehicle in Northern Alaska (76-Pet-41) **PVT 176**

Ground Transportation Vehicles
A Survey of Longitudinal Acceleration Comfort Studies in Ground Transportation Vehicles **DS 76**

Group Scheduling
Group Scheduling Technique for Multiproduct, Multistage Manufacturing Systems (76-WA/Prod-27) **I 759**

Grouping Parameters
An Investigation of the Forces on Three Dimensional Bluff Bodies in Rough Wall Turbulent Boundary Layers (76-WA/FE-1) **F 503**; (D) (AC) **F 510**

Grover, G. K. Loss Factor for a Rectangular Plate of Parabolic Thickness Variation **I 799**

Growth Characteristics
Growth Characteristics of Part-Through Cracks in Thick-Walled Plates and Tubes (76-PVP-39) **PVT 106**

Grundmann, R. Numerical Computation of Flow in Rotating Ducts (D) **F 434**; (AC) **F 435**

Guven, O. Effect of Wind-Tunnel Walls on the Flow Past Circular Dylinders and Cooling Tower Models (76-WA/FE-20) **F 470**; A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) **F 486**; (D) (AC) **F 494**

Guideway Irregularity
Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) **DS 23**

Guideways
Periodic Motion of Vehicles on Flexible Guideways **DS 268**

Guillemette, R. Passive Suspension Design for a Magnetically Levitated Vehicle **DS 277**

Gunter, E. J. Design of Nonlinear Squeeze-Film Dampers for Aircraft Engines (76-Lub-25) **L 57**; Systems of Finite Elements for Finite Bearings (76-Lub-13) **L 187**; (D) **L 194–196**; (AC) **L 196**

Gulbrand, K. A. Power System Economics: An Evaluation of Plant Auxiliary System Incremental Kilowatt Consumption (76-WA/Pwr-2) **P 419**; (D) (AC) **P 424**

Gun Barrels
Reduction of Heat Transfer to Gun Barrels by Wear-Reducing Additives (D) (AC) **HT 158**

Gupta, B. P. Experimental Evaluation of a Cylindrical Parabolic Solar Collector (76-WA/HT-13) **HT 163**; Heat Transfer in a Three-Dimensional Anisotropic Solid of Arbitrary Shape (TN) **HT 135**

Gupta, C. P. Computer Program for Constant Pressure or Constant Volume Combustion Calculations in Hydrocarbon-Air Systems (76-DGP-2) **P 246**; (D) **P 253**; (AC) **P 254**

Gupta, K. C. Design of Four-Bar Function Generators With Mini-Max Transmission Angle (76-DET-8) **I 360**; (D) **I 365**; (AC) **I 366**

Gupta, M. M. The Design of a Signal Synthesis Model Reference Adaptive Control System for Linear Unknown Plants **DS 123**

Gupta, P. K. The Optimal Wearpath Principle (D) (AC) **L 245**; Vibrational Characteristics of Ball Bearings (76-Lub-B) **L 284**; (D) **L 288, 289**; (AC) **L 289**

Gupta, V. K. Instantaneous Kinematics of a Special Two-Parameter Motion (D) (AC) **I 340**

Gurson, A. L. Continuum Theory of Ductile Rupture by Void Nucleation and Growth: Part I—Yield Criteria and Flow Rules for Porous Ductile Media (76-Mat-CC) **MT 2**

Gustafsson, O. G. Vibrational Characteristics of Ball Bearings (D) (AC) **L 289**

Gusts
The Response of Nonlifting Airfoils to Streamwise Gusts **F 213**

Gyarmathy, G. Nonlinear Analysis of Surge Cycles (TB) **F 258**

Gyekenyesi, J. P. Stress Analysis and Stress-Intensity Factors for Finite Geometry Solids Containing Rectangular Surface Cracks (77-WA/APM-5) **AM 442**

Gyroscopic Forces
Nonlinear Behavior of Flutter Unstable Dynamical Systems With Gyroscopic and Circulatory Forces **AM 755**

Gyroscopic Systems
Applied Mechanics: More Dynamics (BR) **DS 70**
A Modal Analysis for the Damped Linear Gyroscopic Systems **AM 750**

Gyroscopic Theory
Single-Axis Gyroscopic Motion With Uncertain Angular Velocity About Spin Axis **DS 259**

H

Haberman, R. *(author)* Mathematical Models (BR) **DS 219**

Habib, I. S. *(author)* Engineering Analysis Methods (BR) **DS 153**

Hablani, H. B. A Modal Analysis for the Damped Linear Gyroscopic Systems **AM 750**

Hadden, J. A. Effects of Truck Design on Hunting Stability of Railway Vehicles (76-WA/RT-1) **I 162**

Haddow, J. B. A Note on Dynamic Axial Shear of a Compressible Hyperelastic Solid (BN) **AM 342**

Van Hagan, T. Heat Exchanger Design Considerations for Gas Turbine HTGR Power Plant (76-GT-53) **P 237**

Hagi, Y. Conditions for a Pipe to Run Full When Discharging Liquid Into a Space Filled With Gas **F 405**

Hahn, E. J. Stability of Squeeze-Film-Damper Supported Flexible Rotors (77-GT-51) **P 545**; Steady-State Performance of Squeeze Film Damper Supported Flexible Rotors (77-GT-52) **P 552**

Hahn, R. S. On The Doubly Regenerative Stability of a Grinder: The Combined Effect of Wheel and Workpiece Speed (D) (AC) **I 921**

Hain, K. Synthesis of Spring Parameters to Balance General Forcing Functions in Planar Mechanisms (D) (AC) **I 352**

Haizlip, L. D. Analytical and Experimental Stress Analysis of a Cylinder-to-Cylinder Structure (77-PVP-11) **PVT 575**

Half Space
The Contact Problem for a Rigid Cylinder Pressed Between Two Elastic Layers (76-APM-QQ) **AM 36**
Forced Vibrations of a Mass Connected to an Elastic Half Space by a Spring (BN) **AM 788**
Impact of a Rigid Body on an Elastic Half Space **AM 227**

Halford, G. R. Application of Strainrange Partitioning to the Prediction of Creep-Fatigue Lives of AISI Types 304 and 316 Stainless Steel (76-PVP-26) **PVT 264**; Multiaxial Low-Cycle Fatigue of Type 304 Stainless Steel (D) **MT 283**; (AC) **MT 285**

Hall, A. S., Jr. A Dependable Method for Solving Matrix Loop Equations for the General Three-Dimensional Mechanism (76-DET-53) **I 547**

Hall, R. E. Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) **P 320**

Halling, J. *(editor)* Principles of Tribology (BR) **L 305**

Hallquist, J. O. High Velocity Impact Calculations in Three Dimensions (D) **AM 793**; (AC) **AM 794**

Ham, I. Group Scheduling Technique for Multiproduct, Multistage Manufacturing Systems (76-WA/Prod-27) **I 759**

Hamilton's Principle
A Numerical Method for the Dynamic Analysis of Mechanical Systems in Impact (76-DET-1) **I 665**
Transient Response of Three-Layered Rings (77-APM-21) **AM 299**

Hammitt, F. G. High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) **F 396**; Interaction Between an Oscillating Bubble and a Free Surface (D) (AC) **F 716**

Hamrock, B. J. Isothermal Elastohydrodynamic Lubrication of Point Contacts: Part III—Fully Flooded Results (76-Lub-30) **L 264**; (D) **L 275**; (AC) **L 276**; Part IV—Starvation Results (76-Lub-31) **L 15**; *(recipient)* Melville Medal **L 179**; *(reviewer)* Modern Developments in Lubrication Mechanics (BR) **L 304**; Optimum Step Design for Centering of Pistons Moving in an Incompressible Fluid (77-FE-30) **F 675**; Performance of 75-Millimeter Bore Arched Outer-Race Ball Bearings (76-Lub-18) **L 346**; (D) **L 352**; (AC) **L 353**; Simplified Solution for Elliptical-Contact Deformation Between Two Elastic Solids (TB) **MT 485**

Hands-On Simulation
Simulation of Bond Graphs on Minicomputers **DS 9**

Hannebrink, D. N. Influence of Axle Load, Track Gage, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) **I 186**

Hannemann, R. J. Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) **P 385**

Hard Rocks
High-Pressure Jet-Drilling Experiments in Some Hard Rocks (76-Pet-50) **PVT 353**

Hardening
On the Influence of Hardening and Anisotropy on the Plane-Strain Compression of Thin Metal Strip **AM 271**

Hardware Observer
Design of a Hardware Observer for Active Machine Tool Control **DS 227**

Harmonic Holes
Harmonic Holes—An Inverse Problem in Elasticity (D) **AM 187**; (AC) **AM 188**

Harmonic Oscillations
An Alternative Representation of the Elastic-Viscoelastic Correspondence Principle for Harmonic Oscillations (77-APM-11) **AM 57**

Harmonic Peturbations
Response of Infinite Journal Gas Bearings to Harmonic Pertubations in the Rotational Speed **L 428**

Harmonic Waves
On Harmonic Waves in Layered Composites (77 WA/APM-30) **AM 689**

Harold, P. F. Measurements of Torsional Dynamic Characteristics of the San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) **P 378**; (D) (AC) **P 383**

Harris, C. M. *(author)* Shock and Vibration Handbook (BR) **AM 364**

Harris, S. D. Fully Implicit Algorithms for Solving Partial Differential Equations (TB) **F 781**; Numerical Simulation of Natural Convection in Closed Containers by a Fully Implicit Method **F 649**

Harrison, E. Design of a Hardware Observer for Active Machine Tool Control **DS 227**

Harrison, H. D. An Investigation of Factors Contributing to Wide Gage on Tangent Railroad Track (75-WA/RT-1) **I 1**

Harrison, S. F. The 1977 Edition of Section IV, Heating Boilers **PVT 380**

Harting, G. L. *(reviewer)* Modern Lubricating Greases (BR) **L 305**

Hart's Theory
Creep Analysis of Metallic Structures in the Presence of Thermal Gradients Using Newer Constitutive Relations (76-PVP-30) **PVT 272**

Hartley, C. S. *(reviewer)* Constitutive Equations in Plasticity (BR) **AM 801**

Hartnett, M. J. A Systems Approach to Determining Actual Misalignment and Load Distribution for Cylindrical Roller Bearings in Commercial Gear Trains (D) **L 47**; (AC) **L 49**

Hartzman, M. Finite Element Static Analysis of Axisymmetric Solids With Material and Geometric Nonlinearities (76-PVP-A) **PVT 386**

Harvey, G. R. Instrument Design for Vitreous Surgery via the Pars Plana (77-WA/Bio-1) **BE 209**

Haslinger, K. H. Frequency Response of a Tube Bundle in Water (TB) **F 416**

Hata, K.-I. On One Analysis of Axisymmetric Extrusion by the Use of Flow Lines (76-Prod-B) **I 419**

Hauser, F. E. *(reviewer)* Deformation and Fracture Mechanics of Engineering Materials (BR) **MT 96**

Hauser, G. M. Freezing of an Advancing Tube Flow (TN) **HT 687**
Hawkings, D. L. The Response of Nonlifting Airfoils to Streamwise Gusts **F 213**
Haworth, W. L. A Dynamic Optical Correlation Technique for Fatigue Failure Prediction **MT 229**; Fatigue Detection in 2024-T3 Aluminum, Titanium, and Low Carbon Steel by Optical Correlation **MT 319**
Hay, A. E. A Planar Fluidic Flowmeter Applicable to Respiratory Flows (77-WA/Flcs-1) **DS 293**
Hayami, K. A Study of a High Specific Speed Propeller Pump: Type of Propeller and Interrelation of Design Parameters (TB) **F 601**
Hayashi, Y. Study of Frost Properties Correlating With Frost Formation Types **HT 239**
Hayden, A. C. S. Oil Conservation in Home Heating (76-WA/Fu-8) **P 413**; (D) (AC) **P 417**
Hayes, J. K. Experimental Stress Analysis for Four 24-in. ANSI Standard B16.9 Tees (77-PVP-4) **PVT 537**
Haynes, R. R. The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) **PVT 192**
Hays, D. F. *(reviewer)* Cavitation and Related Phenomena in Lubrication (BR) **L 136**; *(reviewer)* Handbook of Engineering Fundamentals (BR) **L 379**
Head, V. P. Statistical Improvement in Differential Producer Type Flowmeters (76-WA/FM-1) **F 249**

Headgear Design
Bioengineering Considerations in the Design of Protective Headgear **BE 20**
Healey, A. J. An Analytical and Experimental Study of Automobile Dynamics With Random Roadway Inputs **DS 284**
Hearsey, R. M. A Nearly Three-Dimensional Intrablade Computing System for Turbomachinery (76-FE-19 & 76-FE-20) **F 154**; (D) (AC) **F 166**

Heart Valves
Comparison of Diastolic Ventricular Mechanics for Rigid Leaflet and Caged-Ball Prosthetic Valves **BE 178**
Fluid Stresses in the Vicinity of Disk, Ball, and Tilting Disk Prosthetic Heart Valves From In-Vitro Measurements **BE 173**
Numerical Study of the Steady Axisymmetric Flow Through a Disk-Type Prosthetic Heart Valve in a Constant Diameter Chamber **BE 91**

Heat Balance Integral Method
Continuous Casting of Cylindrical Ingots **HT 29**

Heat Conduction
Analysis of Early-Time Transient Heat Conduction by Method of Characteristics **HT 35**
Heat Conduction in an Anisotropic Medium Homogeneous in Cylindrical Regions—Steady State (TN) **HT 132**; Unsteady State **HT 41**
Heat Conduction in a Stack of Parallelograms Separated by Thin Partition Walls (TN) **HT 127**
Numerical Solution of Transient Heat Conduction Equation for Heat-Treatable Alloys Whose Thermal Properties Change With Time and Temperature **HT 471**
A Residual Method With Lagrange Multipliers for Transient Heat Conduction Problems (TN) **HT 495**
Transient Heat Conduction in Cryogenic Current Cables Following a Loss-of-Coolant Accident (TB) **HT 689**

Heat Exchanger Tubes
Dynamics of Heat Exchanger Tube Banks (76-WA/FE-28) **F 462**; (D) **F 467**; (AC) **F 468, 469**

Heat Exchangers
The Concept of Irreversibility in Heat Exchanger Design: Counterflow Heat Exchangers for Gas-to-Gas Applications **HT 374**
Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) **P 365**
Effects of Nonuniform Passages on Deepfold Heat Exchanger Performance (76-WA/HT-32) **P 657**
Frequency Response of a Tube Bundle in Water (TB) **F 416**
Heat Exchanger Design Considerations for Gas Turbine HTGR Power Plant (76-GT-53) **P 237**
Heat and Mass Transfer in Rotary Heat Exchangers With Nonhygroscopic Rotor Materials **HT 196**; (Er) **HT 503**
Heat Transfer and Fluid Flow Analysis of Interrupted-Wall Channels, With Application to Heat Exchangers **HT 4**
Mean Temperature Difference in Odd-Tube-Pass Heat Exchangers (TN) **HT 487**
A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) **P 441**

Heat Extraction
Geothermal Energy: Heat Extraction From Hot Dry Rock Masses (77-Pet-41) **PVT 612**

Heat Flow
Lambda—Transition (He II—He I) During Heat Flow at Supercritical Pressures **HT 479**

Heat Flow Measurements
Planar Thermic Elements for Thermal Control Systems **DS 41**

Heat Flux
Circumferential Variations of Bore Heat Flux and Outside Surface Temperature for a Solar Collector Tube **HT 360**
Dryout Heat Fluxes for Inductively Heated Particulate Beds (75-WA/HT-19) **HT 250**
Mixed Convection Across a Horizontal Cylinder With Uniform Surface Heat Flux (TN) **HT 679**

Heat Flux Distributions
Free Convection Along A Nonisothermal Vertical Flat Plate (75-WA/HT-15) **HT 72**

Heat Propagation
Non-Fourier Heat Conduction in Thin Surface Layers (TN) **HT 343**; (Er) **HT 501**

Heat Radiation
Effect of Molecular Gas Radiation on a Planar, Two-Dimensional, Turbulent-Jet-Diffusion Flame (76-HT-54) **HT 221**

Heat Sinks
Performance of a Spray Pond for Nuclear Power Plant Ultimate Heat Sink (75-WA/HT-41) **P 650**

Heat Sources
An Experimental Investigation of the Plume Velocity Field Above a Horizontal Line Heat Source **HT 609**
Plane Stress Fields Induced by Moving Heat Sources in Butt-Welding **AM 231**
Thermal Traces of a Buried Heat Source **HT 47**

Heat Storage Units
Design Optimization of a Single Fluid, Solid Sensible Heat Storage Unit (76-WA/HT-64) **HT 174**

Heat Transfer
Analysis of Early-Time Transient Heat Conduction by Method of Characteristics **HT 35**
Analysis of Effects of Free-Stream Turbulence on Heat Transfer and Skin Friction **HT 614**
Analysis of Heat Transfer by Natural Convection Across Vertical Fluid Layers (76-HT-37) **HT 287**
An Analysis of Steady Fully Developed Heat Transfer in A Rotating Straight Pipe (TN) **HT 148**
A Correlating Equation for Forced Convection from Gases and Liquids to a Circular Cylinder in Crossflow **HT 300**
An Experimental Study of Heat Transfer to Developing Water Film Flow Over Cylinders (TN) **HT 152**
Forced Convection Heat Transfer at an Inclined and Yawed Square Plate—Application to Solar Collectors **HT 507**
Free Convection Heat Transfer Across Inclined Honeycomb Panels **HT 86**
Fully Developed Flow and Heat Transfer in Ducts Having Streamwise-Periodic Variations of Cross-Sectional Area **HT 180**
Heat and Mass Transfer in Rotary Heat Exchangers With Nonhygroscopic Rotor Materials **HT 196**; (Er) **HT 503**
Heat Transfer in an Axisymmetric Separated and Reattached Flow Over a Longitudinal Blunt Circular Cylinder (TN) **HT 155**
Heat Transfer Between an Impinging Jet and a Rotating Disk (76-WA/HT-2) **HT 663**
Heat/Mass Transfer Characteristics for Flow in a Corrugated Wall Channel **HT 187**
Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) **HT 392**
Heat Transfer in Curved Tubes With Pulsatile, Fully Developed, Laminar Flows **HT 590**
Heat Transfer from a Cylinder in Crossflow Situated in a Turbulent Pipe Flow **HT 425**
Heat Transfer to Flowing Gas-Solid Mixtures (TN) **HT 145**
Heat Transfer in the Entrance Region of a Straight Channel: Laminar Flow With Uniform Wall Heat Flux (TN) **HT 142**
Heat Transfer and Fluid Flow Analysis of Interrupted-Wall Channels, With Application to Heat Exchangers **HT 4**
Heat Transfer From a Horizontal Plate Facing Upward to Superposed Liquid-Layers With Change of Phase (76-WA/HT-1) **HT 568**
Heat Transfer in Micropolar Laminar Radial Channel Flow (TN) **HT 684**
Heat Transfer From Spheres in Naturally Turbulent Outdoor Environment (D) (AC) **HT 346**
Heat Transfer in a Three-Dimensional Anisotropic Solid of Arbitrary Shape (TN) **HT 135**
Heat Transfer to Water in Downward Flow in a Uniform Wall Temperature Vertical Tube at Low Graetz Numbers **HT 586**
Hypersonic Viscous Shock Layer Calculation of Leeward Vortex-Induced Heat Transfer on a Sharp Cone at a High Angle of Attack (76-HT-43) **HT 307**
Mass Transfer and Pressure Rise in Moist Porous Material Subjected to Sudden Heating **HT 105**
A Mathematical Solution for Gas-to-Surface Radiative Exchange Area for a Rectangular Parallelepiped Enclosure Containing a Gray Medium **HT 203**
The Numerical Prediction of the Turbulent Flow and Heat Transfer in the Entrance Region of a Parallel Plate Duct (D) **HT 347**; (AC) **HT 349**; (D) **HT 693**; (AC) **HT 694**
Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) **HT 580**
Prediction of Local Heat Transfer on a Rotating Disk By a Two-Equation Model of Turbulence (TN) **HT 151**
Sequential Estimation of Thermal Parameters **HT 314**
Singular Perturbation Theory for Melting or Freezing in Finite Domains Initially Not at the Fusion Temperature **AM 25**
Transient Convective Heat Transfer for Laminar Boundary Layer Flow With Effects of Wall Capacitance and Resistance **HT 513**
Transient Heat and Mass Transfer to a Drop in an Electric Field (76-WA/HT-43) **HT 269**
Transient Heat and Mass Transfer in Soils in the Vicinity of Heated Porous Pipes **HT 541**
Transient Pool Boiling Heat Transfer—Part 1: Incipient Boiling Superheat **HT 547**; Part 2: Boiling Heat Transfer and Burnout **HT 554**
Turbulent Heat Transfer Studies in Annulus With Inner Cylinder Rotation (75-WA/HT-55) **HT 12**
The Use of the Milne-Eddington Absorption Coefficient for Radiative Heat Transfer in Combustion Systems **HT 458**

Heat Transfer Analogy
Film Cooling With Large Density Differences Between the Mainstream and the Secondary Fluid Measured by the Heat-Mass Transfer Analogy **HT 620**

Heat Transfer Coefficients
The Effect of Heat Transfer Coefficient, Local Wet Bulb Temperature and Droplet Size Distribution Function on the Thermal Performance of Sprays **HT 381**
Heat Transfer Coefficients Around Cylinders in Crossflow in Combustor Exhaust Gases (77-GT-9) **P 497**

Heat Transfer Gage
Properties of Wall Shear Stress Fluctuations in a Turbulent Duct Flow **AM 389**

Heat Transfer Rates
Two-Dimensional Effects on Heat Transfer Rates From an Array of Straight Fins (TN) **HT 129**

Heat Transfer Reduction
Reduction of Heat Transfer to Gun Barrels by Wear-Reducing Additives (D) (AC) **HT 158**

Heat-Treatable Alloys
Numerical Solution of Transient Heat Conduction Equation for Heat-Treatable Alloys Whose Thermal Properties Change With Time and Temperature **HT 471**

Heated Bounding Surfaces
Crack Problem for a Semi-Infinite Solid With Heated Bounding Surface **AM 637**

Heated Plates
The Natural Convection of Air Over a Heated Plate With Forward-Facing Step (76-HT-15) **HT 439**

Heated Porous Pipes
Transient Heat and Mass Transfer in Soils in the Vicinity of Heated Porous Pipes **HT 541**

Heated Surfaces
Buoyancy Cross-Flow Effects on Longitudinal Boundary Layer Flow Along a Heated Horizontal Hollow Cylinder (TN) **HT 122**
Heath, D. J. Torsional Wave Propagation in Inhomogeneous Elastic Cylinders (BN) **AM 355**

Heating
Radiative Heating in Ice **HT 227**

Heating Boilers
The 1977 Edition of Section IV, Heating Boilers **PVT 380**

Heating Systems
Improvement of Seasonal Efficiency of R[illegible]ntial Heating Systems (76-WA/Fu-7) **P 329**[illegible] **P 333, 334**; (AC) **P 334**

Heave-Pitch Motion
Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) **DS 23**

Heck, R. Catalysts for Gas Turbine Combustors—Experimental Test Results (76-GT-4) **P 159**

Heckmann, S. R. A Theoretical Study of the Effects of Cooling on Thermoelastic Contact Instabilities (76-Lub-14) **L 247**; (D) (AC) **L 253**

Hedrick, J. K. Influence of Axle Load, Track Gage, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) **I 186**

Heggie, W. S. The Use of Plastic Cold Flow in the Development of an Externally Connected Transducer for Recording Pressure-Time Histories of Diesel Fuel Injection Phenomena and Its Application in Fault Diagnosis (76-DGP-3) **P 274**

Hein, K. Characteristics of Rheinisch Brown Coals With Respect to Their Combustion and Fouling Behavior in Thermal Power Stations (76-WA/CD-3) **P 679**

HeLa Cells
Kinetics of Thermal Injury in Cells **BE 155**

Helium
Lambda—Transition (He II—He I) During Heat Flow at Supercritical Pressures **HT 479**
Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT6) **HT 580**

Helium Phase Transition
Free Convection at Supercritical Pressures in Cryo-Fluid Helium-I (76-WA/PID-14) **I 723**

Helium Refrigeration/Liquefaction Systems
The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors (76-WA/PID-15) **I 749**

Helium Refrigerators
Optimization of Helium Refrigerators for Superconducting Power Transmission Lines in Terms of Cost and Reliability (76-WA/PID-16) **I 551**

Hemispherical Emittances
Influence of Substrate Properties on the Apparent Emittance of an Isothermal Isotropically Scattering Medium **HT 208**

Henderer, W. E. On the Mechanics of Tapping by Cutting (76-WA/Prod-25) **I 257**

Henderson, J. M. Dynamic Model of Expanded Polyethylene for Package Cushion Applications (TB) **MT 278**

Henderson, R. E. The Response of Turbomachine Blades to Low Frequency Inlet Distortions (76-GT-19) **P 195**

Hendricks, R. C. Revised International Representations for the Viscosity of Water and Steam and New Representations for the Surface Tension of Water **P 664**

Hendrickson, R. R. Seals for Geothermal Roller Drill Bits (77-Pet-53) **PVT 614**

Herbert, R. G. Shape and Frequency Composition of Pulses from an Impact Pair (76-DET-36) **I 513**

Hermetic Screw Compressors
The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors (76-WA/PID-15) **I 749**

Herringbone Grooved Journal Bearings
Conditions of Leakage-Free Operation of Herringbone Grooved Journal Bearings (76-Lub-27) **L 215**; (D) (AC) **L 222**

Herrmann, G. Effect of Axial Force on Dynamic Fracture of a Beam or Plate in Pure Bending (77-WA/APM-22) **AM 647**; Flutter of Articulated Pipes at Finite Amplitude (77-APM-9) **AM 154**; Weakening of an Elastic Solid by a Rectangular Array of Cracks (Er) **AM 190**

Hersh, S. P. Particle Size Analysis of Cotton Dust Using Scanning Electron Microscopy (76-Tex-3) **I 56**

Herschel-Bulkley Model
Prediction of Drilling Mud Rheology Using a Simplified Herschel-Bulkley Model **PVT 485**

Hertz Law
A Numerical Method for the Dynamic Analysis of Mechanical Systems in Impact (76-DET-1) **I 665**

Hertzberg, R. W. *(author)* Deformation and Fracture Mechanics of Engineering Materials (BR) **MT 96**

Heterogeneous Media
Accurate Transform Inversion in the Elastodynamics of Heterogeneous Media (BN) **AM 352**; (Er) **AM 513**

Heterogeneous Vehicle Fleet
A Computer Simulation Model for Determining Fleet Size and Composition (76-WA/Mgt-1) **I 157**

Hetnarski, R. B. *(editor)* Dynamic Problems of Thermoelasticity (BR) **AM 366**

Hewitt, H. C. Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) **HT 392**

Hibner, D. H. Analytical and Experimental Investigation of the Stability of Intershaft Squeeze Film Dampers—Part 1: Demonstration of Instability (76-GT-55) **P 47**

Hickman, R. S. An Experimental Investigation of the Plume Velocity Field Above a Horizontal Line Heat Source **HT 609**

Hieber, A. F. A Dynamic Optical Correlation Technique for Fatigue Failure Prediction **MT 229**

Hierarchical Differential Games
Coordination Concepts in Multilevel Hierarchical Differential Games **DS 201**

High, K. M. Analysis of an Artificial Ventricle and Mock Circulatory System **BE 184**

High Angles of Incidence
Hypersonic Viscous Shock Layer Calculation of Leeward Vortex-Induced Heat Transfer on a Sharp Cone at a High Angle of Attack (76-HT-43) **HT 307**

High Frequency Ranges
Longitudinal Waves in Fiber-Reinforced Composite at Low and High Frequency Ranges (BN) **AM 492**

High Head Pump Turbines
"IRIS" A Computerized High Head Pump Turbine Design System (76-WA/FE-12) **F 567**; (D) **F 577, 578**; (AC) **F 579**

High-Order Theory
A High-Order Theory of Plate Deformation—Part 1: Homogeneous Plates (77-WA/APM-23) **AM 663**; Part 2: Laminated Plates (77-WA/APM-24) **AM 669**

High-Speed Impact
High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) **F 396**

High-Sulfur Coal
Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (76-WA/CD-1) **P 449**; (D) **P 455**; (AC) **P 458**

High Velocity Impact
High Velocity Impact Calculations in Three Dimensions (D) **AM 793**; (AC) **AM 794**
Three-Dimensional Analysis of Sliding Surfaces During High Velocity Impact (BN) **AM 771**

High Velocity Impact Calculations
High Velocity Impact Calculations in Three Dimensions **AM 95**

Hijikata, K. The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) **HT 257**; Experimental Study of Bubble Motion in Mercury With and Without a Magnetic Field **HT 404**

Hill, R. D. Optimal Beam Layouts: The Free Edge Paradox **AM 693**

Hill, W. G., Jr. Increased Turbulent Jet Mixing Rates Obtained by Self-Excited Acoustic Oscillations (77-FE-18) **F 520**

Hill, W. S. Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) **P 365**

Hill Equation
A Simplified Stability Criterion for the Hill Equation and Its Application (BN) **AM 504**

Hing, W. S. Y. A Potential Low NOx Emission Combustor for Gas Turbines Using the Concept of Hybrid Combustion (77-GT-15) **P 631**

Hirose, A. Instability of Elastically Suspended Tainter-Gate System Caused by Surface Waves on the Reservoir of a Dam (77-FE-25) **F 699**

Hirsch, Ch. A Nearly Three-Dimensional Intrablade Computing System for Turbomachinery (D) (AC) **F 166**; Measurement of the Three-Dimensional Flow Field Behind an Axial Compressor Stage (76-GT-18) **P 168**; (D) **P 179**; (AC) **P 180**

Hirsh, R. S. The Numerical Prediction of the Turbulent Flow and Heat Transfer in the Entrance Region of a Parallel Plate Duct (D) **HT 693**; (AC) **HT 694**

Hirsch, S. R. Entrance Correction for Creeping Flow in Short Tubes (TB) **F 778**

Hitomi, K. Group Scheduling Technique for Multiproduct, Multistage Manufacturing Systems (76-WA/Prod-27) **I 759**

Ho, C. Natural Resting Aspects of Parts for Automatic Handling (76-WA/Prod-40) **I 314**

Hoagland, L. C. The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors (76-WA/PID-15) **I 749**

Hobbacher, A. Cumulative Fatigue by Fracture Mechanics (BN) **AM 769**

Hoberock, L. L. A Survey of Longitudinal Acceleration Comfort Studies in Ground Transportation Vehicles **DS 76**

Hobson, H. H. Maximizing the Efficiency of Your Bucket Wheel Reclaimer **I 875**

Hock, D. D. Kinematic Analysis of Coupled Arm Prostheses **BE 110**

Hodograph Transformation
Fully Plastic Asymmetric Edge Crack Under Longitudinal Shear (77-APM-15) **AM 255**

Hodulak, L. Growth Characteristics of Part-Through Cracks in Thick-Walled Plates and Tubes (76-PVP-39) **PVT 106**

Hold Time
Effect of Hold-Time on Elevated Temperature Fatigue Crack Propagation in Types 304 and 316 Stainless Steels (D) (AC) **MT 282**

Hole Deviation
Deviation Forces Arising from Single Bit Tooth Indentation of an Anisotropic Porous Media (76-Pet-52) **PVT 362**

Hole Flanging
Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) **I 738**

Holes
Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) **PVT 454**

Hollands, K. G. T. Analysis of Heat Transfer by Natural Convection Across Vertical Fluid Layers (76-HT-37) **HT 287**; Free Convection Heat Transfer Across Inclined Honeycomb Panels **HT 86**

Hollenburg, J. W. A Regenerative Compressor (D) **I 919**; (AC) **I 920**

Hollingsworth, L. W. The Fluid Pivot Journal Bearing (76-Lub-26) **L 122**; (D) **L 127**; (AC) **L 128**

Hollow Cylinders
Buoyancy Cross-Flow Effects on Longitudinal Boundary Layer Flow Along a Heated Horizontal Hollow Cylinder (TN) **HT 122**

Holmberg, R. B. Heat and Mass Transfer in Rotary Heat Exchangers With Nonhygroscopic Rotor Materials **HT 196**; (Er) **HT 503**

Holographic Interferometry
A Three Dimensional Density Field Measurement of Transonic Flow From a Square Nozzle Using Holographic Interferometry **F 737**; (D) **F 743**; (AC) **F 744**

Holographic Techniques
A Dynamic Optical Correlation Technique for Fatigue Failure Prediction **MT 229**

Holtz, M. A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) **P 441**

Home Heating
Oil Conservation in Home Heating (76-WA/Fu-8) **P 413**; (D) (AC) **P 417**

Homogeneous Anisotropic Media
Heat Conduction in an Anisotropic Medium Homogeneous in Cylindrical Regions—Steady State (TN) **HT 132**

Homogeneous Beams
The Transverse Vibration of a Doubly Tapered Beam **AM 123**

Homogeneous Plates
A High-Order Theory of Plate Deformation—Part 1: Homogeneous Plates (77-WA/APM-23) **AM 663**

Homsy, G. M. A Note on Convective Instabilities in Boussinesq Fluids and Porous Media (TN) **HT 338**

Honeycomb Panels
Free Convection Heat Transfer Across Inclined Honeycomb Panels **HT 86**

Honeycombs
Effect of Tilt and Horizontal Aspect Ratio on Natural Convection in a Rectangular Honeycomb (TN) **HT 120**

Hong, S. W. A Note on Velocity Distribution in Semi-Open Channels (D) **F 426**

Hooper, R. M. Three-Dimensional Flow Within a Turbine Cascade Passage (76-GT-50) **P 21**

Hoppmann, W. H., II *(reviewer)* Stiffened Plates: Bending, Stability and Vibrations (BR) **AM 516**

Horgan, C. O. Saint-Venant's Principle and End Effects in Anisotropic Elasticity (77-WA/APM-11) **AM 424**

Hori, K. Study of Frost Properties Correlating With Frost Formation Types **HT 239**

Horizontal Aspect Ratio
Effect of Tilt and Horizontal Aspect Ratio on Natural Convection in a Rectangular Honeycomb (TN) **HT 120**
Horizontal Cylinders
Free Convection Boundary Layers on Cylinders of Elliptic Cross Section **HT 453**
Mixed Convection Across a Horizontal Cylinder With Uniform Surface Heat Flux (TN) **HT 679**
Horizontal Cylindrical Annulus
Thermoconvective Motion of Low Prandtl Number Fluids Within a Horizontal Cylindrical Annulus **HT 596**
Horizontal Line Heat Source
An Experimental Investigation of the Plume Velocity Field Above a Horizontal Line Heat Source **HT 609**
Horizontal Plates
Heat Transfer From a Horizontal Plate Facing Upward to Superposed Liquid-Layers With Change of Phase (76-WA/HT-1) **HT 568**
Mixed Convection in Boundary Layer Flow on a Horizontal Plate **HT 66**
Horizontal Slabs
Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) **HT 411**
Horizontal Surfaces
Established Stripwise Laminar Natural Convection on a Horizontal Surface (76-HT-19) **HT 294**
Horlock, J. H. The Response of Nonlifting Airfoils to Streamwise Gusts **F 213**; The Response of Turbomachine Blades to Low Frequency Inlet Distortions (76-GT-19) **P 195**
Hoshi, T. Cut-Forming: A New Method of Producing Wire (76-WA/Prod-12) **I 225**
Hot Gas
Steady State Temperature Distribution in a Solid Cylinder Moving in the Direction of its Axis Through a Cross-Flow of Hot Gas **HT 668**
Hot Grinding
Wear of Abrasives in Simulated Hot Grinding **L 415**
Hot Wire Data
Three-Dimensional Flow Field in Rocket Pump Inducers Part 2: Three-Dimensional Viscid Flow Analysis, and Hot Wire Data on Three-Dimensional Mean Flow and Turbulence Inside the Rotor Passage (75-WA/FE-21) **F 176**
Hot Wire Instrumentation
Measurement of the Three-Dimensional Flow Field Behind an Axial Compressor Stage (76-GT-18) **P 168**; (D) **P 179**; (AC) **P 180**
Houghton, J. R. On the Improvement of Deconvolution With Digitized Data Using a Runge-Kutta Integration Scheme **DS 190**
Hovercraft
Arctic Transportation: Operational and Environmental Evaluation of an Air Cushion Vehicle in Northern Alaska (76-Pet-41) **PVT 176**
Howard, J. H. G. On the Calculation of Three-Dimensional Divergent and Rotational Flow in Turbomachines (D) **F 427, 428**; (AC) **F 428**; A Centrifugal Compressor Flow Analysis Employing a Jet-Wake Passage Flow Model (76-FE-21) **F 141**
Howard, W. H. In-Vivo Bone Strain Telemetry in Monkeys *(M. Nemestrina)* **BE 104**
Howell, F. T. Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) **PVT 187**
Howells, R. Three-Dimensional Potential Flow and Effects of Blade Dihedral in Axial Flow Propeller Pumps (76-FE-24) **F 167**
Hsieh, C. K. The Natural Convection of Air Over a Heated Plate With Forward-Facing Step (76-HT-15) **HT 439**
Hsu, C. S. Determination of Global Regions of Asymptotic Stability for Difference Dynamical Systems **AM 147**; Response of a Nonlinear System Under Combined Parametric and Forcing Excitation (BN) **AM 179**
Hsu, T. C. On the Drawability of Sheet Metal in Noncircular Cups (76-WA/Prod-2) **I 615**
Huang, C.-C. Traveling Loads on a Viscoelastic Timoshenko Beam (BN) **AM 183**
Huang, I. B. Frequency Domain Approach to the Computation of the Impulse Response of Population Systems **DS 249**
Huang, J. A Method for Optimal Tolerance Selection (76-WA/DE-23) **I 558**
Hubbard, M. An Analysis of Wave Convection of Rolling Bodies **I 835**
Huggins, C. E. The Concentration Polarization Effect in Frozen Erythrocytes **BE 65**; Diffusion Transport in a Liquid Solution With a Moving, Semipermeable Boundary **HT 322**
Hughes, T. J. R. Equivalence of Finite Elements for Nearly Incompressible Elasticity (BN) **AM 181**
Hull, R. Influence of Nonlinear Wheel/Rail Contact Geometry on Stability of Rail Vehicles (76-WA/RT-2) **I 172**
Hull, W. C. Fast Burst Reactor Burst Rod Adaptor Failure Analysis (76-WA/Mat-7) **MT 86**
Hulsizer, W. R. Current Progress in Materials Development for Coal Conversion **MT 372**
Human Airways
An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OCE-1) **BE 45**
Human Ankle Joint
Compliance of the Human Ankle Joint (77-WA/Bio-2) **BE 166**
Human-Engineered Systems
KINSYN III: A New Human-Engineered System for Interactive Computer-Aided Design of Planar Linkages (76-DET-48) **I 440**
Human Erythrocytes
The Concentration Polarization Effect in Frozen Erythrocytes **BE 65**
Human Eye
The Elasticity of Sclera and Choroid of the Human Eye, and Its Implications on Scleral Rigidity and Accommodation **BE 203**
Human Heart Valves
Fluid Stresses in the Vicinity of Disk, Ball, and Tilting Disk Prosthetic Heart Valves From In-Vitro Measurements **BE 173**
Human Lumbar Spine
A Motion Transducer for Use in the Intact In-Vitro Human Lumbar Spine **BE 160**
Human Systemic Circulation
Estimation of Systemic Arterial Impedance in Man From Cardiac Catheterization Data (76-WA/Bio-6) **BE 9**
Human Teeth
Thermal Stress Effects and Surface Cracking Associated With Laser Use on Human Teeth (77-WA/Bio-3) **BE 189**
Hung, W. S. Y. The Nox Emission Levels of Unconventional Fuels for Gas Turbines (77-GT-16) **P 575**
Hunt, J. C. R. Response of a Turbulent Pipe Flow to a Change in Roughness (D) (AC) **F 554**
Hunt, K. H. Mechanical Couplings—A General Geometrical Theory: Part 1: Theorems on Algebraic Loci and Couplings (76-DET-5) **I 77**; Part 2: Examples and Applications of the Theorems (76-DET-6) **I 82**; A New Constant Velocity Coupling (D) **I 373**; (AC) **I 374**
Hunter, D. Elastodynamic Analysis of a Completely Elastic System (76-DET-32) **I 604**
Hunter, L. W. Steady State Temperature Distribution in a Solid Cylinder Moving in the Direction of its Axis Through a Cross-Flow of Hot Gas **HT 668**
Hunter, S. C. *(author)* Mechanics of Continous Media (BR) **AM 801**
Hunting Stability
Effects of Truck Design on Hunting Stability of Railway Vehicles (76-WA/RT-1) **I 162**
Hunting Stability of Rail Vehicles with Torsionally Flexible Wheelsets (75-WA/RT-2) **I 10**
Hussain, A. K. M. F. Modified Tietjens Function for Asymptotic Analysis of Shear Flow Stability (TB) **F 256**
Hwang, J.-B. G. High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) **F 396**
Hybrid Combustion
A Potential Low NOx Emission Combustor for Gas Turbines Using the Concept of Hybrid Combustion (77-GT-15) **P 631**
Hybrid Composites
Low Level Charpy Impact Response of Graphite/Epoxy Hybrid Composites **MT 257**
Hybrid Marching Integration
A Hybrid Marching Integration Procedure for the Prediction of Two-Dimensional Supersonic Boundary Layers **F 205**
Hybrid Risers
An Articulated Multiline Production Riser for Deepwater Application (76-Pet-44) **PVT 158**
A Method for Analysis of a Prototype Articulated Multiline Marine Production Riser System (76-Pet-46) **PVT 170**
Hydraulic Control Systems
Predicting Response of a Proposed Hydraulic Control System Using Bond Graphs **DS 1**
Hydraulic Design Parameters
"IRIS" A Computerized High Head Pump Turbine Design System (76-WA/FE-12) **F 567**; (D) **F 577, 578**; (AC) **F 579**
Hydraulic Oils
Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) **L 152**; (D) **L 156**; (AC) **L 157**
Hydraulics
Prediction of Drilling Mud Rheology Using a Simplified Herschel-Bulkley Model **PVT 485**
Hydrocarbon-Air Systems
Computer Program for Constant Pressure or Constant Volume Combustion Calculations in Hydrocarbon-Air Systems (76-DGP-2) **P 246**; (D) **P 253**; (AC) **P 254**
Hydrocarbon Fuels
Autoignition Characteristics of Hydrocarbon Fuels at Elevated Temperatures and Pressures (76-GT-3) **P 83**
Hydrocarbon Oil
Thermally Induced Migration of Hydrocarbon Oil **L 158**
Hydrocarbons
The Estimation of Aquifer Properties from Reservoir Performance in Water-Drive Fields (76-Pet-49) **PVT 345**
Hydrodynamic Lubrication
Effect of Gas Bubbles on Behavior of Isothermal Michell Bearings **L 354**
First Effects of Stokes Roughness on Hydrodynamic Lubrication (76-Lub-12) **L 2**; (D) (AC) **L 308**
Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) **AM 213**
Workpiece Surface Roughening in a Hydrodynamically Lubricated Metal Forming Process (76-Lub-15) **L 10**
Hydrodynamic Mass
Generalized Hydrodynamic Mass for Beam Mode Vibration of Cylinders Coupled by Fluid Gap (BN) **AM 172**
Hydrodynamic Stability
Modified Tietjens Function for Asymptotic Analysis of Shear Flow Stability (TB) **F 256**
Hydrodynamics
Effect of Upstream Flow Processes on Hydrodynamic Development in a Duct **F 556**
Hydrofoils
Linearized Theory of Supercavitating Hydrofoils in Subsonic Liquid Flow **F 311**
Hydroforming Process
Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) **I 685**
Hydrogen
Erosive Effects of High Pressure and High Temperature Gases on Steel **MT 239**
The Tensile Ductility of Austenitic Steels in Air and Hydrogen **MT 153**
Hydrogen Gas
Low Cycle Fatigue of Two Austenitic Alloys in Hydrogen Gas and Air at Elevated Temperatures (D) **MT 282**; (AC) **MT 283**
Hydrostatic Journal Bearings
Static and Dynamic Analysis of Capillary Compensated Hydrostatic Journal Bearings by Finite Element Method **L 478**
Hydrostatic Pressures
Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) **AM 218**
Hydrostatic Thrust Bearings
Static and Dynamic Performance of an Infinite Stiffness Hydrostatic Thrust Bearing **L 106**
Hydrothermal Environments
Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) **MT 143**
Hyer, M. W. Design of a Fiber Optic Pressure Transducer (D) **I 279**; (AC) **I 280**
Hygroscopic Aerosol Interactions
Laser Beam-Hygroscopic Aerosol Interactions (75-WA/HT-42) **HT 281**
Hyperbolic Dies
Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) **I 754**
Hyperbolic Heat Conduction
Non-Fourier Heat Conduction in Thin Surface Layers (TN) **HT 343**; (Er) **HT 501**

Hyperbolic Hybrid
A Hybrid Marching Integration Procedure for the Prediction of Two-Dimensional Supersonic Boundary Layers **F 205**
Hypercircle Method
Admissible Singular Solutions and the Hypercircle Method in Shallow Shell Theory (76-APM-UU) **AM 117**
Hyperelastic Solids
A Note on Dynamic Axial Shear of a Compressible Hyperelastic Solid (BN) **AM 342**
Hypersonic Laminar Flow
Hypersonic Viscous Shock Layer Calculation of Leeward Vortex-Induced Heat Transfer on a Sharp Cone at a High Angle of Attack (76-HT-43) **HT 307**
Hypersonic Wind Tunnels
Boundary-Layer Instability Observations at Mach Number 7 **AM 7**
Hypersphere Theorems
Admissible Singular Solutions and the Hypercircle Method in Shallow Shell Theory (76-APM-UU) **AM 117**
Hyperstability Theory
Generalization of Adaptive Observer and Method of Optimizing Its Convergence Properties **DS 15**
Hypothermia
An Experimental and Theoretical Investigation of Hypothermia in Dogs **BE 195**
Hysteresis Tests
Hysteresis Test on Bolts (TB) **I 909**

I

Ice
Radiative Heating in Ice **HT 227**
Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) **HT 411**
Ice Drift
Simulation of Sea Ice Dynamics During AIDJEX **PVT 491**
Ice Nucleation
The Effect of Cooling Rate on the Formation of Dendritic Ice in a Pipe With No Main Flow **HT 419**
Ice Sheets
The Deflection of an Ice Sheet by a Submerged Gas Source **AM 279**
Iddan, D. Upper Bound of Deep Indentation (TB) **I 804**
Igarashi, A. Fatigue Lives of Metals up to Crack Initiation **MT 212**
Ihara, C. Fatigue Lives of Metals up to Crack Initiation **MT 212**; Fatigue of Metals as Stochastic Phenomena (76-Mat-X) **MT 26**
Ilic, V. An Experimental Study of Choked Flow in Short Pipes With Low Air Water Mass Fractions (TB) **F 421**
Imaichi, K. Instability of Elastically Suspended Tainter-Gate System Caused by Surface Waves on the Reservoir of a Dam (77-FE-25) **F 699**
Imazu, A. Elevated Temperature Elastic-Plastic-Creep Test of an Elbow Subjected to In-Plane Moment Loading (76-PVP-64) **PVT 291**
Immersed Pipes
Dynamic Plastic Response of an Immersed Pipe (77-PVP-8) **PVT 563**
Impact
Dynamic Simulation of Freight Car and Lading During Impact (77-RT-3) **I 859**
A Numerical Method for the Dynamic Analysis of Mechanical Systems in Impact (76-DET-1) **I 665**
Impact Analysis
Elementary Three-Dimensional Interactive Rotor Blade Impact Analysis (D) (AC) **P 493**
Impact Calculations
High Velocity Impact Calculations in Three Dimensions **AM 95**
Impact Pair
Shape and Frequency Composition of Pulses from an Impact Pair (76-DET-36) **I 513**; (D) (AC) **I 91**
Impact Phenomena
Digital Simulation of Impact Phenomenon in Spur Gear Systems **I 792**
Impact Wear
The Optimal Wearpath Principle (76-Lub-28) **L 236**; (D) **L 244, 245**; (AC) **L 245**
Impeller Blades
Investigations on Axial Flow Fan Impellers With Forward Swept Blades (77-FE-1) **F 543**; (D) (AC) **F 547**
Impeller Passages
A Centrifugal Compressor Flow Analysis Employing a Jet-Wake Passage Flow Model (76-FE-21) **F 141**
Impeller Stalling
Impeller Stalling as Influenced by Diffusion Limitations **F 84**; (D) **F 93-96**; (AC) **F 97**
Impermeable Rock
High-Pressure Jet-Drilling Experiments in Some Hard Rocks (76-Pet-50) **PVT 353**
Impinging Jets
Heat Transfer Between an Impinging Jet and a Rotating Disk (76-WA/HT-2 **HT 663**
Implicit Algorithms
Fully Implicit Algorithms for Solving Partial Differential Equations (TB) **F 781**
Implicit Computational Schemes
Implicit and Explicit Computational Schemes in Dynamic Plasticity (76-PVP-8) **PVT 394**
Implicit Methods
Numerical Simulation of Natural Convection in Closed Containers by a Fully Implicit Method **F 649**
Impulse Loads
Elastic-Plastic Response of Simply Supported 1018 Steel Beams to Impulse Loads (BN) **AM 779**
Impulse Response
Frequency Domain Approach to the Computation of the Impulse Response of Population Systems **DS 249**
Impulsive Loading
Multiple Fracture of Beams Under Localized Impulsive Loading (77-APM-23) **AM 259**
Impulsive Motion Problems
Singular Parabolic Partial-Differential Equations That Arise in Impulsive Motion Problems **AM 396**
Incipient Boiling
Incipient Boiling Characteristics at Atmospheric and Subatmospheric Pressures **HT 398**
Incipient Boiling Superheat
Transient Pool Boiling Heat Transfer—Part 1: Incipient Boiling Superheat **HT 547**
Incipient Cutting Process
High-Speed Films of the Incipient Cutting Process in Machining at Conventional Speeds (76-WA/Prod-26) **I 263**
Incipient Plastic Deformation
On Wedge Indentation and Its Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) **I 702**
Incompressible Elasticity
Equivalence of Finite Elements for Nearly Incompressible Elasticity (BN) **AM 181**
Inclusions
Review of the Mechanical Properties of Cast Steels With Emphasis on Fatigue Behavior and the Influence of Microdiscontinuities **MT 329**
Incompressible Channel Flow
An Experimental Investigation of Incompressible Channel Flow Near Transition (77-FE-19) **F 693**; (D) (AC) **F 698**
Incompressible Flow
Prediction of Oscillation Frequencies for Unstable Flow Past Cavities (76-WA/FE-17) **F 294**; (D) **F 299**; (AC) **F 300**
The Response of Nonlifting Airfoils to Streamwise Gusts **F 213**
Stability Analysis of Straight and Buckled Two-Dimensional Channels Conveying an Incompressible Flow **AM 548**
Incompressible Fluids
Convective Stability of Incompressible Fluids (BR) **AM 516**
Laminar Incompressible Viscous Flow in Curved Ducts of Regular Cross Sections **F 640**
Numerical Modeling of Unsteady, Separated Viscous Flow **F 657**
Optimum Step Design for Centering of Pistons Moving in an Incompressible Fluid (77-FE-30) **F 675**
Water Waves in a Nonhomogeneous Incompressible Fluid (77-WA/APM-27) **AM 523**
Incompressible Liquids
Removal of an Anomaly in the Perturbation Analysis of a Flexible Plate Sealing an Incompressible Liquid (BN) **AM 498**
Incremental Kilowatt Consumption
Power System Economics: An Evaluation of Plant Auxiliary System Incremental Kilowatt Consumption (76-WA/Pwr-2) **P 419**; (D) (AC) **P 424**
Incropera, F. P. An Experimental and Theoretical Investigation of Hypothermia in Dogs **BE 195**
Indentation Hardness
Analysis of Fatigue Fracture of Ball Joint Sockets by Indentation Hardness and Transmission Electron Microscopy (76-WA/Mat-3) **MT 80**
Indentation Processes
Upper Bound of Deep Indentation (TB) **I 804**
Inductively Heated Particulate Beds
Dryout Heat Fluxes for Inductively Heated Particulate Beds (75-WA/HT-19) **HT 250**
Industrial Boilers
Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) **P 320**
Industrial Plants
Treatment of Condensate Returns at Industrial Plants **P 269**
Inelastic Analysis
Creep Analysis of Metallic Structures in the Presence of Thermal Gradients Using Newer Constitutive Relations (76-PVP-30) **PVT 272**
Inelastic Behavior
Inelastic Behavior of Finite Circular Cylindrical Shells (76-PVP-42) **PVT 31**
Inelastic Deformation
The Inelastic Deformation of Pressurized Stainless Steel Tubes Under Dynamic Bending and Torsional Loading (76-PVP-24) **PVT 258**
A Mechanical Equation of State for Inelastic Deformation of Iron: An Analytic Description (76-Mat-EE) **MT 59**
Infimal Players
Coordination Concepts in Multilevel Hierarchical Differential Games **DS 201**
Infinite Arrays
The Elastic Energy of Interacting Edge Dislocations in an Infinite Array (77-WA/APM-20) **AM 595**
Infinite Journal Gas Bearings
Response of Infinite Journal Gas Bearings to Harmonic Perturbations in the Rotational Speed **L 428**
Infinite Plates
On the Dynamic Expansion of a Circular Hole in an Infinite Plate (77-WA/APM-21) **AM 577**
Infinite Stiffness
Static and Dynamic Performance of an Infinite Stiffness Hydrostatic Thrust Bearing **L 106**
Infinite Strips
The Crack-Contact and the Free-End Problem for a Strip Under Residual Stress (77-APM-3) **AM 41**
Infinite Vertical Plates
Free Convection Effects on the Stokes Problem for an Infinite Vertical Plate (TN) **HT 499**
Infinite Walls
An Exact Solution of the Boussinesq Equations for an Infinite Wall in a Stratified Fluid (TN) **HT 676**
Inflection Circle (IC)
Computerized Synthesis of Straight-Line Four-Bar Linkages from Inflection Circle Properties (76-DET-27) **I 610**
Infrared Radiation
Spectral Absorption of Water Vapor and Carbon Dioxide Mixtures in the 2.7 Micron Band **HT 53**
Ingham, D. B. Singular Parabolic Partial-Differential Equations That Arise in Impulsive Motion Problems **AM 396**
Ingots
Continuous Casting of Cylindrical Ingots **HT 29**
Inhomogeneity
On the Tensile and Compressive Strength of Solids Weakened (Strengthened) by an Inhomogeneity (77-WA/APM-4) **AM 449**
Inhomogeneous Elastic Cylinders
Torsional Wave Propagation in Inhomogeneous Elastic Cylinders (BN) **AM 355**
Inhomogeneous Media
Inverse Solutions for One-Dimensional Seismic Waves in Elastic, Inhomogeneous Media **AM 469**
Initial Strains
On the Stress Field Due to Initial Strains in a Cuboid Surrounded by an Infinite Elastic Space (77-WA/APM-17) **AM 587**
Inlet Distortions
The Response of Turbomachine Blades to Low Frequency Inlet Distortions (76-GT-19) **P 195**
Inlet Flow
Influence of Inlet Flow Conditions and Geometries of Centrifugal Vaneless Diffusers on Critical Flow Angle for Reverse Flow **F 98**; (D) **F 102**; (AC) **F 103**
Inner Cylinder Rotation
Turbulent Heat Transfer Studies in Annulus With Inner Cylinder Rotation (75-WA/HT-55) **HT 12**
Inoue, N. Lower Bounds to the Collapse Load of a Thick Circular Cylinder Subjected to Internal Pressure and Shear (BN) **AM 766**

In-Plane Loading
Plastic Strain Concentrations in Ligaments (76-PVP-32) **PVT 328**
In-Plane Moment Loading
Elevated Temperature Elastic-Plastic-Creep Test of an Elbow Subjected to In-Plane Moment Loading (76-PVP-64) **PVT 291**
In-Process Buffers
Analysis of In-Process Buffers for Multi-Input Manufacturing Systems (D) (AC) **I 287**
In-Situ Coal Conversion
Stress Response Investigations Related to In-Situ Gasification of Coal (77-Pet-25) **PVT 627**
Inspiration
An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OCE-1) **BE 45**
Instabilities
Experimental Verification of Thermoelastic Instabilities in Sliding Contact (76-Lub-21) **L 359**; (D) **L 364**
Instability of Elastically Suspended Tainter-Gate System Caused by Surface Waves on the Reservoir of a Dam (77-FE-25) **F 699**
A Note on Convective Instabilities in Boussinesq Fluids and Porous Media (TN) **HT 338**
Instability Analysis
Instability Analysis of Torispherical Pressure Vessel Heads with Triangular Thin-Shell Finite Elements (76-PVP-33) **PVT 64**
Instantaneous Invariants
Application of Instantaneous Invariants to the Analysis and Synthesis of Mechanisms (76-DET-12) **I 97**
On Cage-Plane Motion (76-DET-2) **I 662**
Instantaneous Kinematics
Instantaneous Kinematics of a Special Two-Parameter Motion (76-DET-4) **I 336**; (D) (AC) **I 340**
Integrable Wave Equations
Integrable Generalized Wave Equations Exhibiting a Hypoelastic Compressible Rate-Sensitive Material Flow (77-WA/APM-2) **AM 419**; (Er) **AM 803**
Integral Transforms
Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) **AM 250**
The Numerical Inversion of Integral Transforms With Applications (BN) **AM 345**
Integrated Numerical Algorithms
A Sparsity-Oriented Approach to the Dynamic Analysis and Design of Mechanical Systems—Part 1 (76-DET-19) **I 773**; Part 2 (76-DET-20) **I 780**
Integration Methods
Determination of Stress Intensity Factors for Gradient Stress Fields (76-WA/PVP-10) **PVT 477**
Interface Cracks
The Interface Crack **AM 631**
Interface Crack With Friction in the Contact Zone (BN) **AM 780**
Interface Motion
Singular Perturbation Theory for Melting or Freezing in Finite Domains Initially Not at the Fusion Temperature **AM 25**
Interface Waves
Elastic Interface Waves Involving Separation (77-APM-26) **AM 222**
Interference Fit Fasteners
On Through Cracks at Interference Fit Fasteners (76-PVP-5) **PVT 75**
Interference Fits
Stresses Due to Interference Fits in Cylinders with Concentric and Eccentric Holes (Er) **AM 356**
Interferometers
An Experimental Study of Natural Convection Mass Transfer Along a Vertical Plate With Surface Injection (76-HT-14) **HT 446**
Intergranular Crack Growth
Analysis of the Tennessee Valley Authority Gallatin No. 2 Unit Turbine Rotor Burst (D) (AC) **MT 283**
Intergranular Flow
Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) **PVT 187**
Intermittent Separations
A Numerical Method for the Dynamic Analysis of Mechanical Systems in Impact (76-DET-1) **I 665**
Internal Cracks
The Problem of Internal and Edge Cracks in an Orthotropic Strip **AM 237**
Internal Damping
Finite Element Simulation of Rotor-Bearing Systems With Internal Damping (76-GT-89) **P 71**
Internal Defects
Review of the Mechanical Properties of Cast Steels With Emphasis on Fatigue Behavior and the Influence of Microdiscontinuities **MT 329**
Internal Pressure
A Finite Plate Method to Solve Cylinder-to-Cylinder Structures Subjected to Internal Pressure (76-PVP-C) **PVT 404**
Lower Bounds to the Collapse Load of a Thick Circular Cylinder Subjected to Internal Pressure and Shear (BN) **AM 766**
Internal Pressurization
Inner and Outer Cracks in Internally Pressurized Cylinders (76-PVP-6) **PVT 83**
Instability Analysis of Torispherical Pressure Vessel Heads with Triangular Thin-Shell Finite Elements (76-PVP-33) **PVT 64**
Nonsymmetric Buckling of Internally Pressurized Ellipsoidal and Torispherical Elastic-Plastic Pressure Vessel Heads (76-PVP-25) **PVT 54**
Stress and Buckling of Internally Pressurized, Elastic-Plastic Torispherical Vessel Heads—Comparisons of Test and Theory (76-PVP-23) **PVT 39**
International Bibliographies
International Bibliographies **DS 66, DS 149, DS 214, DS 318**
Interphase Boundaries
Theory of Superplastic Flow in Two-Phase Materials: Roles of Interphase-Boundary Dislocations, Ledges, and Diffusion **MT 244**
Interrupted-Wall Channels
Heat Transfer and Fluid Flow Analysis of Interrupted-Wall Channels, With Application to Heat Exchangers **HT 4**
Interstage Annealing
Influence of Interstage Annealing on the Stretch-Formability of Sheet Metal Laminates (76-Mat-U) **MT 42**
Interstitial Fluids
On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) **L 163**; (D) **L 172, 173**; (AC) **L 173**
Intrablade Computing Systems
A Nearly Three-Dimensional Intrablade Computing System for Turbomachinery (76-FE-19 & 76-FE-20) **F 154**; (D) (AC) **F 166**
Inverse Computation
Inverse Computation of Profile Shapes for Given Transonic Flow Configurations With and Without Detached Bow Shocks in Two-Dimensional Turbomachinery Cascades (77-GT-33) **P 601**
Inverse Solutions
Inverse Solutions for One-Dimensional Seismic Waves in Elastic, Inhomogeneous Media **AM 469**
Inverted Cones
Calculation of Shape Factors Between Rings and Inverted Cones Sharing a Common Axis (TN) **HT 492**
In-Vitro Human Spine
A Motion Transducer for Use in the Intact In-Vitro Human Lumbar Spine **BE 160**
In-Vitro Measurements
Fluid Stresses in the Vicinity of Disk, Ball, and Tilting Disk Prosthetic Heart Valves From In-Vitro Measurements **BE 173**
Inviscid Flow Analysis
Design of Two-Dimensional Wind Tunnel Contractions (76-WA/FE-4) **F 371**; (D) (AC) **F 377**
Involute Gear Pair
On the Elastokinematics of the Involute Gear Pair (76-DET-34) **I 648**
Iron
A Mechanical Equation of State for Inelastic Deformation of Iron: An Analytic Description (76-Mat-EE) **MT 59**
Irreversibility
The Concept of Irreversibility in Heat Exchanger Design: Counterflow Heat Exchangers for Gas-to-Gas Applications **HT 374**
"IRIS" System
"IRIS": A Computerized High Head Pump Turbine Design System (76-WA/FE-12) **F 567**; (D) **F 577, 578**; (AC) **F 579**
Ishida, M. Asymmetric Flow in Vaneless Diffusers of Centrifugal Blowers **F 104**; (D) **F 111, 112**; (AC) **F 113**
Ishii, N. Instability of Elastically Suspended Tainter-Gate System Caused by Surface Waves on the Reservoir of a Dam (77-FE-25) **F 699**
Ishikawa, H. On One Analysis of Axisymmetric Extrusion by the Use of Flow Lines (76-Prod-B) **I 419**
Isentropic Flow
Simple Predictions for the Sonic Conditions in a Real Gas **F 217**
Isolated Piping Sections
Analysis of Overpressure Conditions in an Isolated Piping Section (76-PVP-8) **PVT 253**
Isolated Rectangular Surfaces
The Stability of an Isolated Rectangular Surface Embedded in Uniform Subsonic Flow **AM 201**
Isothermal Bodies
Free Convection Boundary Layers on Cylinders of Elliptic Cross Section **HT 453**
Isothermal Elastohydrodynamic Lubrication
Isothermal Elastohydrodynamic Lubrication of Point Contacts: Part III—Fully Flooded Results (76-Lub-30) **L 264**; (D) **L 275**; (AC) **L 276**; Part IV—Starvation Results (76-Lub-31) **L 15**
Isothermal Flow
Friction Factor for Isothermal and Nonisothermal Flow Through Porous Media **HT 367**
Isothermal-Isotropic Scattering
Influence of Substrate Properties on the Apparent Emittance of an Isothermal Isotropically Scattering Medium **HT 208**
Isothermal Michell Bearings
Effect of Gas Bubbles on Behavior of Isothermal Michell Bearings **L 354**
Isothermal Surfaces
Application of a K-ε Turbulence Model to Natural Convection From a Vertical Isothermal Surface (76-HT-17) **HT 79**
Isothermal Tubes
Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) **HT 392**
Isotropic Materials
Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) **AM 112**; (Er) **AM 513**
Isotropic Rock
High-Pressure Jet-Drilling Experiments in Some Hard Rocks (76-Pet-50) **PVT 353**
Isotropic Roughness
Lubrication of Surfaces Having Area-Distributed Isotropic Roughness (76-Lub-7) **L 323**; (D) (AC) **L 329**
Isotropic Solids
Point Force Solution for an Infinite Transversely Isotropic Solid (D) **AM 514**; (AC) **AM 515**
Isotropic Turbulence
Derivation of Turbulent Transport Coefficients From Turbulent Parameters in Isotropic Turbulence **F 732**
Isotropy
Fatigue Crack Propagation in A533B Steels (76-WA/PVP-6) **PVT 459**
Isoviscous Pivot Pads
Effect of Gas Bubbles on Behavior of Isothermal Michell Bearings **L 354**
Issa, R. I. A Hybrid Marching Integration Procedure for the Prediction of Two-Dimensional Supersonic Boundary Layers **F 205**
Ives, L. K. Erosion of 310 Stainless Steel at 975°C in Combustion Gas Atmospheres (76-WA/Mat-5) **MT 126**
Iwaki, T. Stresses Due to Interference Fits in Cylinders with Concentric and Eccentric Holes (Er) **AM 356**
Iwasaki, T. Defects and Fracture Strength of Large Rotor Forgings for Steam Turbines (75-Pwr-10) **P 134**; (D) (AC) **P 142**
Iwata, K. Optimization of Cutting Conditions for Multi-Pass Operations Considering Probabilistic Nature in Machining Processes (76-WA/Prod-4) **I 210**
Iwata, M. The Frictional Mechanism on the Surface of Metal Being Plastically Deformed by Drawing (76-WA/Prod-22) **I 242**

J

J-Integral
A J-Integral Approach to Crack Resistance for Aluminum, Steel, and Titanium Alloys **MT 97**; (D) **MT 395**; (AC) **MT 397**
Jacobs, D. Microcomputer Implementation of Direct Digi-

tal Control Algorithms for Thermal Process Control Applications (77-WA/Aut-4) **DS 233**

Jacquot, R. G. Optimal Cantilever Dynamic Vibration Absorbers (76-WA/DE-17) **I 138**

Jagadish, B. S. Numerical Study of Transient and Steady Induced Symmetric Flows in Rectangular Cavities (77-FE-17) **F 526**

Jain, S. C. The Transport and Breakdown of Solid Lubricants in a Simple Forging Operation (D) **L 234**. (AC) **L 235**

James, D. D. Incipient Boiling Characteristics at Atmospheric and Subatmospheric Pressures **HT 398**

James, R. K. Effect of Molecular Gas Radiation on a Planar, Two-Dimensional, Turbulent-Jet-Diffusion Flame (76-HT-54) **HT 221**

Janke, S. Thermal Stress Effects and Surface Cracking Associated With Laser Use on Human Teeth (77-WA/Bio-3) **BE 189**

Jansen, W. Asymmetric Flow in Vaneless Diffusers of Centrifugal Blowers (D) **F 112**. (AC) **F 113**. Influence of Inlet Flow Conditions and Geometries of Centrifugal Vaneless Diffusers on Critical Flow Angle for Reverse Flow (D) **F 102**. (AC) **F 103**

Janssen, J. E. Improvement of Seasonal Efficiency of Residential Heating Systems (76-WA/Fu-7) **P 329**. (D) **P 333, 334**. (AC) **P 334**. Oil Conservation in Home Heating (D) (AC) **P 417**

Japikse, D. On the Calculation of Three-Dimensional Divergent and Rotational Flow in Turbomachines (D) **F 427, 428**. (AC) **F 428**. A Centrifugal Compressor Flow Analysis Employing a Jet-Wake Passage Flow Model (D) (AC) **F 430**. Quasi-Three-Dimensional Numerical Solution of Flow in Turbomachines (D) **F 431**. (AC) **F 432**. Uncertainty of Numerical Methods (Ed) **F 2**

Jaske, C. E. Fatigue Design Criteria for Pressure Vessel Alloys (77-PVP-12) **PVT 584**. Low-Cycle Fatigue of AISI 1010 Steel at Temperatures up to 1200°F (649°C) (76-WA/PVP-3) **PVT 432**. Low Cycle Fatigue of Two Austenitic Alloys in Hydrogen Gas and Air at Elevated Temperatures (D) **MT 282**. (AC) **MT 283**

Javelin Dynamics

Javelin Dynamics Including Body Interaction (BN) **AM 496**

Jiji, L. M. Singular Perturbation Theory for Melting or Freezing in Finite Domains Initially Not at the Fusion Temperature **AM 25**

Jirka, G. H. An Analysis of Deep Submerged Multiple-Port Buoyant Discharges (D) (AC) **HT 654**

Jischke, M. C. An Exact Solution of the Boussinesq Equations for an Infinite Wall in a Stratified Fluid (TN) **HT 676**

Jeffrey, D. J. The Virtual Mass of a Sphere Moving Toward a Plane Wall (BN) **AM 166**

Jenike Bunker

Bunker Design—Part 1: Bunker Outlet Design and Initial Measurements of Wall Pressures **I 809**. Part 2: Wall Pressures in Mass Flow **I 814**. Part 3: Wall Pressures and Flow Patterns in Funnel Flow **I 819**. Part 4: Recommendations **I 824**

Jet-Diffusion Flames

Effect of Molecular Gas Radiation on a Planar, Two-Dimensional, Turbulent-Jet-Diffusion Flame (76-HT-54) **HT 221**

Jet Drilling

High-Pressure Jet Drilling Experiments in Some Hard Rocks (76-Pet-50) **PVT 353**

Jet Engine Bearings

Endurance and Failure Characteristic of Main-Shaft Jet Engine Bearing at 3 X 10⁶ DN (D) **L 137, 138**. (AC) **L 138**

Jet Flows

Linear Stability of Jet Flows (77-WA/APM-10) **AM 378**

Vortex Stretching Due to Shear Layer Instability (76-WA/Fics-11) **F 240**. (D) (AC) **F 243**

Jet Mixing

Increased Turbulent Jet Mixing Rates Obtained by Self-Excited Acoustic Oscillations (77-FE-18) **F 520**. (D) **F 788**. (AC) **F 789**

Jet-Wake Passage

A Centrifugal Compressor Flow Analysis Employing a Jet-Wake Passage Flow Model (76-FE-21) **F 141**. (D) (AC) **F 430**

Jogi, P. N. Longitudinal Waves in Fiber-Reinforced Composite at Low and High Frequency Ranges (BN) **AM 492**

Joglekar, A. M. Investigation of Spiking in Electron Beam Welding Using Stationary Stochastic Models (76-WA/Prod-10) **I 323**

Johari, O. Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) **L 152**. (D) **L 156**. (AC) **L 157**

John, J. E. A. Calculated Orifice Plate Discharge Coefficients at Low Reynolds Numbers (TB) **F 424**. (D) (AC) **F 425**

Johnsen, R. L. Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) **P 645**

Johnson, B. M. Power System Economics: An Evaluation of Plant Auxiliary System Incremental Kilowatt Consumption (D) (AC) **P 424**

Johnson, C. E. An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OCE-1) **BE 45**

Johnson, D. A. State Estimation and Parameter Identification of Freely Spinning Flexible Spacecraft **DS 51**

Johnson, G. R. High Velocity Impact Calculations in Three Dimensions **AM 95**. Liquid-Solid Impact Calculations With Triangular Elements (TB) **F 598**. Three-Dimensional Analysis of Sliding Surfaces During High Velocity Impact (BN) **AM 771**

Johnson, J. K. *(reviewer)* Notes on Nonlinear Systems (BR) **DS 70**

Johnson, M. R. Analysis of Thermal Stresses and Residual Stress Changes in Railroad Wheels Caused by Severe Drag Braking (75-WA/RT-3) **I 18**

Johnson, R. P. *(author)* Composite Structures of Steel and Concrete (BR) **MT 189**

Johnson, S. H. *(reviewer)* Automatic Control Systems (BR) **DS 219**

Johnson, T. C. Bearing Oil Delivery by Disk-Scraper Means (D) (AC) **L 178**

Johnson, W. Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) **I 738**

Joint Stiffness

Stiffness of Machine Tool Joints: A Random-Process Approach (76-WA/Prod-23) **I 250**

Jones, A. M. Thermal Contact Conductance Correlation for Stacks of Thin Layers in High Vacuums (TN) **HT 139**

Johnston, J. P. Asymmetric Flow in Vaneless Diffusers of Centrifugal Blowers (D) **F 112**. (AC) **F 113**

Joseph, D. D. *(author)* Stability of Fluid Motions—I (BR) **AM 800**

Joudi, K. A. Incipient Boiling Characteristics at Atmospheric and Subatmospheric Pressures **HT 398**

Journal Bearings

Conditions of Leakage-Free Operation of Herringbone Grooved Journal Bearings (76-Lub-27) **L 215**. (D) (AC) **L 222**

Dynamic Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) **L 101**

The Fluid Pivot Journal Bearing (76-Lub-26) **L 122**. (D) **L 127**. (AC) **L 128**

Full Journal Bearings Under Dynamic Duty: Impulse Method of Solution and Flapping Action (Er) **L 223**

Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (76-Lub-32) **L 331**. (D) (AC) **L 338**

Identification of Journal Bearing Characteristics **DS 167**

Journal Bearing Impedance Descriptions for Rotordynamic Applications (76-Lub-24) **L 198**. (D) **L 211, 214**. (AC) **L 214**

The Lubrication of a Long, Porous, Flexible Journal Bearing **L 449**

The Lubrication of Short, Flexible Journal Bearings (TB) **L 376**

Porous Gas Journal Bearings—A Semianalytical Solution (TB) **MT 487**

The Stability of a Flexible Rotor Supported by Circumferentially Fed Journal Bearings **L 469**

Static and Dynamic Analysis of Capillary Compensated Hydrostatic Journal Bearings by Finite Element Method **L 478**

Stochastic Characterization of Macro- and Microerrors of Journal Bearing Roundness (76-DET-51) **I 327**. (D) **I 334**. (AC) **I 335**

Journal Gas Bearings

On the Dynamic Stability of Self-Aligning Journal Gas Bearings **L 434**

Response of Infinite Journal Gas Bearings to Harmonic Perturbations in the Rotational Speed **L 428**

Jumarie, G. Coordination Concepts in Multilevel Hierarchical Differential Games **DS 201**

K

Kachhara, N. L. An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers With Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) **F 357**

Kadaba, V. Economics of Feedwater Heater Replacement (D) **P 689**

Kadi, F. J. Optimization of Helium Refrigerators for Superconducting Power Transmission Lines in Terms of Cost and Reliability (76-WA/PID-16) **I 551**

Kahawita, R. The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) **AM 11**

Kalpakjian, S. Properties of Reinforced Abrasive Disks in Flexure (76-WA/Prod-41) **I 318**

Kameswara Rao, C. V. S. Creep Damage Under Stationary Random Loading (BN) **AM 763**

Kameswara Rao, N. S. V. A Mixed Method in Elasticity (76-WA/APM-30) **AM 51**

Kamyab, D. Established Stripwise Laminar Natural Convection on a Horizontal Surface (76-HT-19) **HT 294**

Kanarachos, A. A Contribution to the Problem of Designing Optimum Performance Bearings **L 462**

Kanazawa, K. Low-Cycle Fatigue Under Out-of-Phase Loading Conditions **MT 222**

Kanazawa, S. Heavy Section Steel Plates for Reactor Pressure Vessels Produced by Basic Oxygen Process (76-PVP-56) **PVT 314**

Kannberg, L. D. An Analysis of Deep Submerged Multiple-Port Buoyant Discharges (76-WA/HT-19) **HT 648**. (D)(AC) **HT 654**

Kannel, J. W. Optical Measurement of Oil Film Thickness Between Rollers (D) (AC) **L 294**. A Systems Approach to Determining Actual Misalignment and Load Distribution for Cylindrical Roller Bearings in Commercial Gear Trains (D) **L 47**. (AC) **L 49**

Kanninen, M. F. Steady-State Crack Propagation in Pressurized Pipelines (76-PVP-7) **PVT 112**

Kanodia, V. L. Instability Analysis of Torispherical Pressure Vessel Heads with Triangular Thin-Shell Finite Elements (76-PVP-33) **PVT 64**

Kantola, R. A. Land Gas Turbine Exhaust Noise (77-GT-12) **P 526**

Kao, T.-T. Free Convection Along A Nonisothermal Vertical Flat Plate (75-WA/HT-15) **HT 72**. Non-Fourier Heat Conduction in Thin Surface Layers (TN) **HT 343**. (Er) **HT 501**

Kaplin, E. J. Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (D) (AC) **P 341**

Kar, Subir An Investigation on the Diffusion of Momentum and Mass of Fuel in a Diesel Fuel Spray (76-DGP-1) **P 225**. (D) **P 235**. (AC) **P 236**

Karayannacos, P. E. An Experimental Study of the Fluid Dynamics of Multiple Noncritical Stenoses **BE 74**

Karlsson, L. Plane Stress Fields Induced by Moving Heat Sources in Butt-Welding **AM 231**

Karnopp, D. Lagrange's Equations for Complex Bond Graph Systems **DS 300**

Kasbekar, P. V. Dynamic Simulation of Freight Car and Lading During Impact (77-RT-3) **I 859**

Katsamanis, F. Static and Dynamic Stress Intensity Factors by the Method of Transmitted Caustics **MT 105**

Katz, S. Transient Response of Fluid Lines by Frequency Response Conversion (TB) **DS 310**

Kaufman, R. E. KINSYN III: A New Human-Engineered System for Interactive Computer-Aided Design of Planar Linkages (76-DET-48) **I 440**

Kawai, N. Assessment of Deep-Drawability and Stretchability by Bulge Test of Concentrically Grooved Metal Disks (76-WA/Prod-14) **I 229**. The Frictional Mechanism on the Surface of Metal Being Plastically Deformed by Drawing (76-WA/Prod-22) **I 242**

Kay, E. Analysis of In-Process Buffers for Multi-Input Manufacturing Systems (D) (AC) **I 287**

Keer, L. M. Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) **AM 250**

Keilman, L. R. Performance of a Stray Pond for Nuclear Power Plant Ultimate Heat Sink (75-WA/HT-41) **P 650**

Keith, T. G. Calculated Orifice Plate Discharge Coefficients at Low Reynolds Numbers (TB) **F 424**. (D) (AC) **F 425**

Keller, T. C. Reliability of Railroad Roller Bearings (D) **L**

37. (AC) **L 39**

Kelly, R. E. *(reviewer)* Convective Stability of Incompressible Fluids (BR) **AM 516**

Kelvin-Helmholtz Instability

Some Characteristics of High Waves in Closed Channels Approaching Kelvin-Helmholtz Instability (77-FE-15) **F 339**

Kendall, L. A. Fracture and Wear as Factors Affecting Stochastic Tool-Life Models and Machining Economics (D) (AC) **I 508**

Kennedy, F. E. A Theoretical Study of the Effects of Cooling on Thermoelastic Contact Instabilities (D) (AC) **L 253**

Kennedy, L. A. Application of a K-ε Turbulence Model to Natural Convection From a Vertical Isothermal Surface (76-HT-17) **HT 79**

Kennish, W. J., Jr. Dynamic Model of Expanded Polyethylene for Package Cushion Applications (TB) **MT 278**

Kentfield, J. A. C. A Simple Pressure-Gain Combustor for Gas Turbines (76-GT-6) **P 153**

Kerekes, Z. E. Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (D) **P 455**. (AC) **P 458**. An Examination of the Influence of Ash on the Combustion Characteristics of Anthracites (76-WA/CD-2) **P 348**

Kern, F. A. Design of a Fiber Optic Pressure Transducer (D) **I 279**. (AC) **I 280**

Khader, M. S. Heat Transfer in Micropolar Laminar Radial Channel Flow (TN) **HT 684**

Kies, J. A. (deceased) Overload Effects on Fatigue Damage of Wire-Rope Pendants (TB) **MT 277**

Kilgore, T. H. Investigations on Axial Flow Fan Impellers With Forward Swept Blades (D) (AC) **F 547**

Kilowatt Consumption

Power System Economics: An Evaluation of Plant Auxiliary System Incremental Kilowatt Consumption (76-WA/Pwr-2) **P 419**. (D) (AC) **P 424**

Kim, C. H. Generalization of Adaptive Observer and Method of Optimizing Its Convergence Properties **DS 15**

Kim, Y. T. Flow-Induced Bending of Rectangular Plates (77-APM-14) **AM 207**

Kinematic Constraints

A Numerical Method for the Dynamic Analysis of Mechanical Systems in Impact (76-DET-1) **I 665**

Kinematic Coupling

Kinematic Analysis of Coupled Arm Prostheses **BE 110**

Kinematic Mechanisms

Mechanisms as Components of Dynamic Systems: A Bond Graph Approach (76-DET-21) **I 104**

Kinematic Parameters

Existence Criteria of Two-Loop Six-Link R-R-C-C-R-C-C Spatial Mechanism (76-DET-38) **I 630**

Kinematic Synthesis

Application of Instantaneous Invariants to the Analysis and Synthesis of Mechanisms (76-DET-12) **I 97**

Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) **I 124**

Synthesis of Spring Parameters to Satisfy Specified Energy Levels in Planar Mechanisms (76-DET-44) **I 341**

Kinematics

Instantaneous Kinematics of a Special Two-Parameter Motion (76-DET-4) **I 336**. (D) (AC) **I 340**

Kinetic Energy

Application of a K-ε Turbulence Model to Natural Convection From a Vertical Isothermal Surface (76-HT-17) **HT 79**

The Interplay of Geometric and Materials Variables in Energy Absorption **MT 114**

Kinetics

Kinetics of Thermal Injury in Cells **BE 155**

King, A. I. A Three-Dimensional Mathematical Simulation of Pedestrian-Vehicle Impact With Experimental Verification (76-WA/Bio-1) **BE 116**

King, K. F. An Estimation of the Effect of Fluid Inertia on the Performance of the Plane Inclined Slider Thrust Bearing With Particular Regard to Turbulent Lubrication **L 129**

King, R. Vortex Excited Oscillations of Yawed Circular Cylinders (76-WA/FE-16) **F 495**. (D) **F 501**. (AC) **F 502**

Kinking Mechanisms

Cable Kinking Analysis and Prevention (76-WA/DE-4) **I 112**

Kinoshita, Y. Asymmetric Flow in Vaneless Diffusers of Centrifugal Blowers **F 104**. (D) **F 111, 112**. (AC) **F 113**. Influence of Inlet Flow Conditions and Geometries of Centrifugal Vaneless Diffusers on Critical Flow Angle for Reverse Flow **F 98**. (D) **F 102**. (AC) **F 103**

KINSYN III

KINSYN III: A New Human-Engineered System for Interactive Computer-Aided Design of Planar Linkages (76-DET-48) **I 440**

Kirk, J. A. Matrix Representation and Prediction of Three-Dimensional Cutting Forces **I 828**

Kirk, R. G. Analytical and Experimental Investigation of the Stability of Intershaft Squeeze Film Dampers—Part 1: Demonstration of Instability (76-GT-55) **P 47**

Kis, C. J. Fracture and Wear as Factors Affecting Stochastic Tool-Life Models and Machining Economics (D) (AC) **I 508**

Kistler, A. L. Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) **L 224**

Kleinedler, G. E. Thermal Analysis of Capacitor Discharge Welding and its Correlation With Observed Stress Wave Emission (SWE) **MT 379**

Kleinfelter, M. M. Particle Size Analysis of Cotton Dust Using Scanning Electron Microscopy (76-Tex-3) **I 56**

Klemm, J. Transonic Flow Around Rotor Blade Elements (D) **F 607**. (AC) **F 609**

Kline, S. J. Prediction of Flow Separation in a Diffuser by a Boundary Layer Calculation (D) **F 387**. (AC) **F 388**

Klinger, D. L. A Pneumatic On-Off Vehicle Suspension System **DS 130**

Klueh, R. L. Strain Rate Effects on the Elevated-Temperature Tensile Behavior of a Bainitic 2 1/4 Cr-1 Mo Steel **MT 350**

Knapp, R. H. Pseudo-Cylindrical Shells: a New Concept for Undersea Structures (76-WA/OcE-6) **I 485**

Knee-Joint Control

An Electrohydraulic Knee-Torque Controller for a Prosthesis Simulator (76-WA/Bio-10) **BE 3**

Knickerbocker, J. L. Measurements of Torsional Dynamic Characteristics of the San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) **P 378**. (D) (AC) **P 383**

Knowles, G. R. Experimental Evaluation of a Cylindrical Parabolic Solar Collector (76-WA/HT-13) **HT 163**

Kobayashi, A. S. Corner Crack at the Bore of a Rotating Disk (Er) **P 96**. Fracture in Straight Pipes Under Large Deflection Conditions—Part I: Structural Deformations (76-PVP-9) **PVT 122**. Part II: Pipe Pressures (76-PVP-14) **PVT 128**. Further Dynamic Finite Element Analysis of the Tapered DCB Specimen **MT 324**. Inner and Outer Cracks in Internally Pressurized Cylinders (76-PVP-6) **PVT 83**. Stress Intensity Factors in Edge-Cracked Plates Subjected to Transient Thermal Singularities (76-PVP-38) **PVT 100**

Koepp, D. C. A Three-Dimensional Density Field Measurement of Transonic Flow From a Square Nozzle Using Holographic Interferometry **F 737**. (D) **F 743**. (AC) **F 744**

Koh, J. C. Friction Factor for Isothermal and Nonisothermal Flow Through Porous Media **HT 367**

Kohli, D. Elastodynamic Analysis of a Completely Elastic System (76-DET-32) **I 604**. Synthesis of a Six-Link Spatial Mechanism via Screw Triangle Geometry, Successive Screw Displacements, and Pair Geometry Constraints (76-DET-46) **I 532**

Koiter, W. T. Timoshenko Beam Theory Is Not Always More Accurate Than Elementary Beam Theory (D) **AM 357-359**. (AC) **AM 359**

Kolkka, R. W. *(reviewer)* Engineering Analysis Methods (BR) **DS 153**. *(reviewer)* Mathematical Models (BR) **DS 219**

Komanduri, R. Wear of Abrasives in Simulated Hot Grinding **L 415**

Komaroff, N. Performance Standards in Dynamics **DS 118**

Komotori, K. Heat Transfer From a Horizontal Plate Facing Upward to Superposed Liquid-Layers With Change of Phase (76-WA/HT-1) **HT 568**

Kon, N. Heat Transfer in an Axisymmetric Separated and Reattached Flow Over a Longitudinal Blunt Circular Cylinder (TN) **HT 155**

Koogle, T. A. A Motion Transducer for Use in the Intact In-Vitro Human Lumbar Spine **BE 160**

Kool, P. Measurement of the Three-Dimensional Flow Field Behind an Axial Compressor Stage (76-GT-18) **P 168**. (D) **P 179**. (AC) **P 180**

Kopper, F. C. Effect of Streamline Curvature on Film Cooling (76-GT-90) **P 77**

Kordisch, H. Growth Characteristics of Part-Through Cracks in Thick-Walled Plates and Tubes (76-PVP-39) **PVT 106**

Kordyban, E. Some Characteristics of High Waves in Closed Channels Approaching Kelvin-Helmholtz Instability (77-FE-15) **F 339**

Koterazawa, R. Applicability of Fracture Mechanics Parameters to Crack Propagation Under Creep Condition **MT 298**

Kotzur, J. Impeller Stalling as Influenced by Diffusion Limitations (D) **F 96**. (AC) **F 97**. Numerical Computation of Flow in Rotating Ducts (D) **F 433**. (AC) **F 445**

Kounadis, A. N. Nonlinear Stability Analysis of an Eccentrically Loaded Two-Bar Frame **AM 701**. Stability of Elastically Restrained Timoshenko Cantilevers With Attached Masses Subjected to a Follower Force (77-WA/APM-7) **AM 731**

Koyama, H. Local Mass Transfer From Rotating Wedge-Shaped Blades **HT 634**

Kraglesky, I. V. On the Calculation of Seizure Considering the Plastic Flow of the Surficial Layers (Er) **L 142**

Krajcinovic, D. Dynamic Plastic Response of an Immersed Pipe (77-PVP-8) **PVT 563**. Dynamic Response of Infinitely Extended Plastic Plates (BN) **AM 175**

Kramer, L. D. Analysis of the Tennessee Valley Authority Gallatin No. 2 Unit Turbine Rotor Burst (D) (AC) **MT 283**

Krause, H. H. Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (76-WA/CD-1) **P 449**. (D) **P 455**. (AC) **P 458**

Krauter, A. I. Reliability of Railroad Roller Bearings (76-LubS-18) **L 36-39**. (AC) **L 39**

Kretschmer, D. The Pulsed Thermocouple for Gas Turbine Application (76-GT-1) **P 1**

Krieg, D. B. Accuracies of Numerical Solution Methods for the Elastic-Perfectly Plastic Model (77-PVP-1) **PVT 510**

Krieg, R. D. Accuracies of Numerical Solution Methods for the Elastic-Perfectly Plastic Model (77-PVP-1) **PVT 510**

Krieger, K. W. A Three-Dimensional Mathematical Simulation of Pedestrian-Vehicle Impact With Experimental Verification (76-WA/Bio-1) **BE 116**

Kronauer, R. E. Response of Three Oscillators Coupled by a Weak Nonlinearity (77-APM-5) **AM 141**

Krowech, R. J. Circumferential Variations of Bore Heat Flux and Outside Surface Temperature for a Solar Collector Tube **HT 360**

Krylov-Bogoliubov Method

Dynamic Response of a Cam-Actuated Mechanism With Pneumatic Coupling (76-DET-35) **I 598**

Ku, P. M. Effects of Load, Speed, and Surface Roughness on Sliding EHD Contact Temperatures (D) **L 261**. (AC) **L 262**

Kubota, H. Thermal Response of a Transpiration-Cooled System in a Radiative and Convective Environment **HT 628**

Kuhn, G. D. Quasi-Three-Dimensional Laminar Boundary-Layer Separations in Supersonic Flow (D) (AC) **F 639**

Kulkarni, S. V. Composites in Pressure Vessels and Piping (PVP-PB-021) **PVT 515**

Kumar, T. C. Mohana Quasi-Two-Dimensional Analysis of Flow Through a Centrifugal Pump Impeller (77-FE-29) **F 687**. Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) **F 531**. (D) **F 540, 541**. (AC) **F 541**

Kumar, V. Creep Analysis of Metallic Structures in the Presence of Thermal Gradients Using Newer Constitutive Relations (76-PVP-30) **PVT 272**

Kumeno, K. Defects and Fracture Strength of Large Rotor Forgings for Steam Turbines (75-Pwr-10) **P 134**. (D) (AC) **P 142**

Kung, F. C. Frequency Domain Approach to the Computation of the Impulse Response of Population Systems **DS 249**

Kung, H.-C. Cooling of Room Fires by Sprinkler Spray **HT 353**

Kunitake, H. Heavy Section Steel Plates for Reactor Pressure Vessels Produced by Basic Oxygen Process (76-PVP-56) **PVT 314**

Kunz, R. K. Isothermal Elastohydrodynamic Lubrication of Point Contacts: Part III—Fully Flooded Results (D) **L 275**. (AC) **L 276**

Kurajian, G. M. On Optimal Arch Design (76-DE-D) **I 37**; Prediction of Yield in Ductile Materials Operating at Creep Temperatures (76-WA/GT-11) **P 425**

Kuriyama, I. Experimental Study of Bubble Motion in Mercury With and Without a Magnetic Field **HT 404**

Kurosaki, Y. Assessment of Deep-Drawability and Stretchability by Bulge Test of Concentrically Grooved Metal Disks (76-WA/Prod-14) **I 229**

Kurowski, G. J. The Transverse Vibration of a Doubly Tapered Beam **AM 123**

Kuzay, T. M. Turbulent Heat Transfer Studies in Annulus With Inner Cylinder Rotation (75-WA/HT-55) **HT 12**

Kuziak, W. R. Jr. Aerothermodynamic Performance of a Variable Nozzle Power Turbine Stage for an Automotive Gas Turbine (77-GT-95) **P 587**

L

Laananen, D. H. Design Optimization of a Single Fluid, Solid Sensible Heat Storage Unit (76-WA/HT-64) **HT 174**

Ladings
Dynamic Simulation of Freight Car and Lading During Impact (77-RT-3) **I 859**

Lafrance, P. The Breakup Length of Turbulent Liquid Jets (TB) **F 414**; Capillary Breakup of a Liquid Jet With a Random Initial Perturbation **AM 385**

Lagrange Multipliers
A Residual Method With Lagrange Multipliers for Transient Heat Conduction Problems (TN) **HT 495**

Lagrange's Equations
Lagrange's Equations for Complex Bond Graph Systems **DS 300**

Lai, J. S. *(author)* Creep and Relaxation of Nonlinear Viscoelastic Materials with an Introduction to Linear Viscoelasticity (BR) **AM 364**

Lak, S. The Transport and Breakdown of Solid Lubricants in a Simple Forging Operation (76-Lub-16) **L 230**; (D) **L 234**; (AC) **L 235**

Lakshminarayana, B. Three-Dimensional Potential Flow and Effects of Blade Dihedral in Axial Flow Propeller Pumps (76-FE-24) **F 167**; Three-Dimensional Flow Field in Rocket Pump Inducers Part 2: Three-Dimensional Viscid Flow Analysis, and Hot Wire Data on Three-Dimensional Mean Flow and Turbulence Inside the Rotor Passage (75-WA/FE-21) **F 176**

Lakshminarayana, H. V. Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) **PVT 454**

Lal, S. Loss Factor for a Rectangular Plate of Parabolic Thickness Variation **I 799**

Lam, P. Decoupling of Undamped Vibration Systems (77-PVP-7) **PVT 553**

Lamb, J. P. A Survey of Fluid Mechanics Education of Mechanical Engineers (77-FE-11) **F 446**

Lambda Transitions
Lambda—Transition (He II—He I) During Heat Flow at Supercritical Pressures **HT 479**

Laminar Boundary Layer Flow
Quasi-Three-Dimensional Laminar Boundary-Layer Separations in Supersonic Flow **F 634**; (D) (AC) **F 639**
Transient Convective Heat Transfer for Laminar Boundary Layer Flow With Effects of Wall Capacitance and Resistance **HT 513**

Laminar Boundary Layers
The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) **AM 11**

Laminar Dispersion
An Approximate Analysis of Laminar Dispersion in Circular Tubes (D) (AC) **AM 360**; (Er) **AM 188**

Laminar Entry Region
Dynamics of a Vaporizing Droplet in Laminar Entry Region of a Straight Channel (77-HT-40) **HT 574**

Laminar Flow
An Analysis of Steady Fully Developed Heat Transfer in A Rotating Straight Pipe (TN) **HT 148**
Effect of Upstream Flow Processes on Hydrodynamic Development in a Duct **F 556**
Experimental Investigations of Steady and Pulsatile Laminar Flow in a 90° Branch **AM 372**
Heat Transfer in Curved Tubes With Pulsatile, Fully Developed, Laminar Flows **HT 590**
Heat Transfer in the Entrance Region of a Straight Channel: Laminar Flow With Uniform Wall Heat Flux (TN) **HT 142**
Heat Transfer and Fluid Flow Analysis of Interrupted-Wall Channels, With Application to Heat Exchangers **HT 4**
Laminar Incompressible Viscous Flow in Curved Ducts of Regular Cross-Sections **F 640**

Laminar Flow Fields
Nonaxisymmetric Flow in the Narrow Gap Between a Rotating and a Stationary Disk With an Eccentric Source (TB) **F 418**

Laminar Free Convection
Free Convection Boundary Layers on Cylinders of Elliptic Cross Section **HT 453**

Laminar Heat Transfer
Application of Schwarz-Neumann Technique to Fully Developed Laminar Heat Transfer in Noncircular Ducts (TN) **HT 332**

Laminar Natural Convection
Established Stripwise Laminar Natural Convection on a Horizontal Surface (76-HT-19) **HT 294**
An Experimental Study of Natural Convection Mass Transfer Along a Vertical Plate With Surface Injection (76-HT-14) **HT 446**

Laminar Waves
Boundary-Layer Instability Observations at Mach Number 7 **AM 7**

Laminarization
Laminarization in Low Reynolds Number Turbulent Duct Flows (TN) **HT 682**

Laminated Composites
The Effect of Reflections on Nonlinear, Transient Pulse Propagation in Laminated Composites **AM 683**

Laminated Graphite/Epoxy Composites
Low Level Charpy Impact Response of Graphite/Epoxy Hybrid Composites **MT 257**

Laminated Plates
A High-Order Theory of Plate Deformation—Part 2: Laminated Plates (77-WA/APM-24) **AM 669**

Laminated Rock
eHigh-Pressure Jet-Drilling Experiments in Some Hard Rocks (76-Pet-50) **PVT 353**

Laminates
Effective Thermal Diffusivity for a Multimaterial Composite Laminate (75-WA/HT-90) **HT 466**

Land-Based Gas Turbines
Land Gas Turbine Exhaust Noise (77-GT-12) **P 526**

Landes, J. D. Fatigue Crack Growth Characteristics of A533 Grade B Class I Plate in an Environment of High-Temperature Primary Grade Nuclear Reactor Water (76-PVP-3) **PVT 238**

Lagrangian Finite-Element Technique
High Velocity Impact Calculations in Three Dimensions **AM 95**

Langston, L. S. Three-Dimensional Flow Within a Turbine Cascade Passage (76-GT-50) **P 21**

Laplace Transform Solutions
Accurate Transform Inversion in the Elastodynamics of Heterogeneous Media (BN) **AM 352**; (Er) **AM 513**
On Wave Propagation in Particulate Suspensions (BN) **AM 354**

Larson, L. D. The Inelastic Deformation of Pressurized Stainless Steel Tubes Under Dynamic Bending and Torsional Loading (76-PVP-24) **PVT 258**

Laser Beam Diffraction
Optical Measurement of Oil Film Thickness Between Rollers (76-Lub-10) **L 290**; (D) (AC) **L 294**

Laser Beams
Laser Beam-Hygroscopic Aerosol Interactions (75-WA/HT-42) **HT 281**

Laser-Doppler Anemometry
The Accuracy of Flow Measurements by Laser-Doppler Methods (BR) **DS 220**
Principles and Practice of Laser-Doppler Anemometry (BR) **AM 518**

Laser-Doppler Velocimetry
Quantitative Density Visualization in a Transonic Compressor Rotor **P 460**

Laser Velocimeters
Shock Wave and Flow Velocity Measurements in a High Speed Fan Rotor Using the Laser Velocimeter (76-GT-49) **P 181**; (D) (AC) **P 188**

Lasers
Thermal Stress Effects and Surface Cracking Associated With Laser Use on Human Teeth (77-WA/Bio-3) **BE 189**

Lateral Buckling
The Effect of Principal Bending Curvature on the Lateral Buckling of Uniform Slender Beams (77-APM-22) **AM 311**

Latta, G. E. Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) **AM 264**

Launder, B. E. The Calculation of Turbulent Boundary Layers on Spinning and Curved Surfaces **F 231**

Laverty, W. H. Wear of Abrasives in Simulated Hot Grinding **L 415**

Law, C. K. Application of a Class of Distribution Functions to Drop-Size Data by Logarithmic Least-Squares Technique **P 684**

Law, E. H. Effects of Truck Design on Hunting Stability of Railway Vehicles (76-WA/RT-1) **I 162**

Lawn, B. R. *(author)* Fracture of Brittle Solids (BR) **AM 517**

Lawton, R. G. Downhole Measurements of Thermal Conductivity in Geothermal Reservoirs (77-Pet-23) **PVT 607**

Layered Composites
On Harmonic Waves in Layered Composites (77-WA/APM-30) **AM 689**

Lead
Impact of a Rigid Body on an Elastic Half Space **AM 227**

Leakage-Free Operations
Conditions of Leakage-Free Operation of Herringbone Grooved Journal Bearings (76-Lub-27) **L 215**; (D) (AC) **L 222**

Least-Squares Formulation
Recursive Least-Squares Time Domain Identification of Structural Parameters **AM 135**

Ledbetter, H. M. Temperature Dependences of the Elastic Constants of Precipitation-Hardened Aluminum Alloys 2014 and 2219 **MT 181**

Ledges
Theory of Superplastic Flow in Two-Phase Materials: Roles of Interphase-Boundary Dislocations, Ledges, and Diffusion **MT 244**

Lee, B. E. An Investigation of the Forces on Three Dimensional Bluff Bodies in Rough Wall Turbulent Boundary Layers (76-WA/FE-1) **F 503**; (D) (AC) **F 510**

Lee, H. C. The Lubrication of Short, Flexible Journal Bearings (TB) **L 376**

Lee, H. S. H. Influence of Axle Load, Track Gage, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) **I 186**

Lee, J. Y. Free Convection at Supercritical Pressures in Cryo-Fluid Helium-I (76-WA/PID-14) **I 723**; Lambda—Transition (He II—He I) During Heat Flow at Supercritical Pressures **HT 479**

Lee, K. Y. Stress Response Investigations Related to In-Situ Gasification of Coal (77-Pet-25) **PVT 627**

Lee, L. H. N. Quasi-Bifurcation in Dynamics of Elastic-Plastic Continua (77-WA/APM-3) **AM 413**

Lee, S. Y. On the Drawability of Sheet Metal in Noncircular Cups (76-WA/Prod-2) **I 615**

Lee, T.-C. A Simplified Stability Criterion for the Hill Equation and Its Applications (BN) **AM 504**

Lee, Y. S. An Analysis for Plane Strain Plastic Deformation in Metal-Working Process (76-WA/Prod-16) **I 727**

Leeward Surface Heating
Hypersonic Viscous Shock Layer Calculation of Leeward Vortex-Induced Heat Transfer on a Sharp Cone at a High Angle of Attack (76-HT-43) **HT 307**

Leipholz, H. *(author)* Direct Variational Methods and Eigenvalue Problems in Engineering (BR) **AM 800**

Leis, B. N. An Energy-Based Fatigue and Creep-Fatigue Damage Parameter (77-PVP-3) **PVT 524**; Long-Life Notch Strength Reduction Due to Local Biaxial State of Stress **MT 215**

Leko, T. Saint-Venant's Principle and the Torsion of Thin Shells of Revolution (D) (AC) **AM 361**

Leko, T. Timoshenko Beam Theory Is Not Always More Accurate Than Elementary Beam Theory (D) **AM 797, 798**; (AC) **AM 799**

Lenard, J. G. A Study of Tube Eversion (TB) **MT 93**

Length-Scale Models
A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (77-FE-4) **F 347**; (D) (AC) **F 784**

Leonard, L. Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (D)t **L 156**; (AC) **L 157**

Leondes, C. T. Parameter Optimization for Linear Quadratic Differential Games **DS 58**

Leung, P. Power System Economics: An Evaluation of Plant Auxiliary System Incremental Kilowatt Consump-

tion (76-WA/Pwr-2) **P 419**; (D) (AC) **P 424**

Level Walking Process
Feasibility of an Active Control Scheme for Above Knee Prostheses (77-WA/Bio-8) **BE 215**

Levi, R. Fracture and Wear as Factors Affecting Stochastic Tool-Life Models and Machining Economics (75-WA/Prod-8) **I 281**

Levin, R. L. The Concentration Polarization Effect in Frozen Erythrocytes **BE 65**; Diffusion Transport in a Liquid Solution With a Moving, Semipermeable Boundary **HT 322**

Levine, H. S. Timoshenko Beam Theory Is Not Always More Accurate Than Elementary Beam Theory (D) **AM 357–359**; (AC) **AM 359**

Levinson, D. A. The Possible Motions of a Rigid Body With One Fixed Point **AM 329**

Levy-Mises Constitutive Relations
An Analysis for Plane Strain Plastic Deformation in Metal-Working Process (76-WA/Prod-16) **I 727**

Lewis, G. B. An Experimental Study of Natural Convection Mass Transfer Along a Vertical Plate With Surface Injection (76-HT-14) **HT 446**

Li, C.-H. The Effect of Thermal Diffusion on Flow Stability Between Two Rotating Cylinders **L 319**; Steam Flow Through Safety Valve Vent Pipes (D) **F 264**; (AC) **F 265**

Li, Y.-K. The Numerical Prediction of the Turbulent Flow and Heat Transfer in the Entrance Region of a Parallel Plate Duct (D) **HT 347**; (AC) **HT 349**

Libai, A. Buckling of Cylindrical Shells Subjected to Nonuniform Axial Loads (77-WA/APM-12) **AM 714**

Lie, T. T. Temperature Distributions in Fire-Exposed Building Columns **HT 113**

Lienesch, J. H. Computer Program for Constant Pressure or Constant Volume Combustion Calculations in Hydrocarbon-Air Systems (D) **P 253**; (AC) **P 254**

Lift
Lift on a Rotating Porous Cylinder **F 753**

Ligaments
Plastic Strain Concentrations in Ligaments (76-PVP-32) **PVT 328**

Lignite
The Influence of Drying and Stress on the Permeability of Texas Lignite (77-Pet-26) **PVT 634**

Limit Analysis
Review of Lower-Bound Limit Analysis for Pressure Vessel Intersections **PVT 413**

Limit Design
Limit Design of Perforated Cylindrical Shells per ASME Code **PVT 646**

Limit Positions
Gross Motion Analysis of Planar Linkages With Application to a Geared Five-Bar (76-DET-31) **I 674**

Limon, L. Treatment of Condensate Returns at Industrial Plants (76-IPC-Pwr-1) **P 269**

Lin, T. H. Derivation of Polycrystal Creep Properties From the Creep Data of Single Crystals (77-APM-8) **AM 73**

Linderoth, L. S., Jr. An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OCE-1) **BE 45**

Lindorff, D. P. Generalization of Adaptive Observer and Method of Optimizing Its Convergence Properties **DS 15**

Line Contacts
A Microcontinuum Theory for the Elastohydrodynamic Inlet Zone (76-Lub-19) **L 24**

Linear Bending
Linear Bending of an Orthotropic Rectangular Sandwich Plate (TB) **I 913**

Linear Fracture Mechanics
Linear Fracture Mechanics (BR) **AM 367**

Linear Gyroscopic Systems
A Modal Analysis for the Damped Linear Gyroscopic Systems **AM 750**

Linear Identification
Deterministic Disturbance Rejection in Linear Identification (77-WA/Aut-1) (TB) **DS 307**

Linear Magnetoelastic Problems
The Linear Magnetoelastic Problem for a Soft Ferromagnetic Elastic Solid With a Finite Crack **AM 47**

Linear Mechanical Systems
Response of Nonclassically Damped Linear Systems to Stationary Random Excitation (BN) **AM 785**

Linear Quadratic Differential Games
Parameter Optimization for Linear Quadratic Differential Games **DS 58**

Linear Regression
Simplified Solution for Elliptical-Contact Deformation Between Two Elastic Solids (TB) **MT 485**

Linear Springs
Synthesis of Spring Parameters to Satisfy Specified Energy Levels in Planar Mechanisms (76-DET-44) **I 341**

Linear Stability
Linear Stability of Flow in a Concentric Annulus (BN) **AM 338**

Linear Stability of Jet Flows (77-WA/APM-10) **AM 378**

Stability of Poiseuille Flow in Elastic Tubes **AM 18**

Linear Systems
Generalized Cumulants Representing a Transient Random Process in a Linear System **DS 103**

Linear Thermal Conduction
Effective Thermal Diffusivity for a Multimaterial Composite Laminate (75-WA/HT-90) **HT 466**

Linear Viscoelasticity
Creep and Relaxation of Nonlinear Viscoelastic Materials with an Introduction to Linear Viscoelasticity (BR) **AM 364**

Design of a Viscoelastic Dynamic Absorber for Machine Tool Applications (76-WA/Prod-20) **I 620**

Linearization
Determination of Stress Intensity Factors for Gradient Stress Fields (76-WA/PVP-10) **PVT 477**

Stochastic Linearization by Data Dependent Systems **DS 221**

Linearized Theory
Linearized Theory of Supercavitating Hydrofoils in Subsonic Liquid Flow **F 311**

Linehan, J. H. Entrance Correction for Creeping Flow in Short Tubes (TB) **F 778**

Ling, C.-B. On Solution of a Semicircular Edge Notch (BN) **AM 494**

Ling, F. F. Effects of Load, Speed, and Surface Roughness on Sliding EHD Contact Temperatures (D) **L 261**; (AC) **L 262**

Ling, S. C. Measurements of Velocity Wave Forms in the Dog Aorta (D) **F 262**; (AC) **F 263**

Linkage Analysis
A Dependable Method for Solving Matrix Loop Equations for the General Three-Dimensional Mechanism (76-DET-53) **I 547**

Linkage Mechanisms
A Determination of Contact-Loss at a Bearing of a Linkage Mechanism (76-DET-43) **I 375**; (D) **I 379**; (AC) **I 380**

Linkage Synthesis
Graphical Solution of the Branch and Order Problems of Linkage Synthesis for Multiply Separated Positions (76-DET-16) **I 591**

KINSYN III: A New Human-Engineered System for Interactive Computer-Aided Design of Planar Linkages (76-DET-48) **I 440**

Optimum Design of a Complex Planar Mechanism (76-DET-47) **I 539**

Linkages
Computerized Synthesis of Straight-Line Four-Bar Linkages from Inflection Circle Properties (76-DET-27) **I 610**

Displacement Analysis of Spatial Seven-Link 5R-2P Mechanisms (76-DET-39) **I 692**

Existence Criteria of Two-Loop Six-Link R-R-C-C-R-C-C Spatial Mechanism (76-DET-38) **I 630**

Gross Motion Analysis of Planar Linkages With Application to a Geared Five-Bar (76-DET-31) **I 674**

Mechanical Couplings—A General Geometrical Theory: Part 1: Theorems on Algebraic Loci and Couplings (76-DET-5) **I 77**; Part 2: Examples and Applications of the Theorems (76-DET-6) **I 82**

Lint Coloration
Comparative Analysis of Trash Contamination in Cotton by Optical Scanning (76-Tex-1) **I 46**

Lions, J. L. *(author)* Inequalities in Mechanics and Physics (BR) **AM 364**

Lip Fracture
Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) **I 738**

Liquid-Filled Cylinders
Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) **AM 218**

Liquid Flow
Linearized Theory of Supercavitating Hydrofoils in Subsonic Liquid Flow **F 311**

Liquid Freezing
A Solution of Freezing of Liquids of Low Prandtl Number in Turbulent Flow Between Parallel Plates **HT 20**

Liquid-Gas Mixtures
An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) **P 343**

Liquid Helium
Lambda—Transition (He II—He I) During Heat Flow at Supercritical Pressures **HT 479**

Liquid Jets
The Breakup Length of Turbulent Liquid Jets (TB) **F 414**

Capillary Breakup of a Liquid Jet With a Random Initial Perturbation **AM 385**

Liquid Layers
Heat Transfer From a Horizontal Plate Facing Upward to Superposed Liquid-Layers With Change of Phase (76-WA/HT-1) **HT 568**

Liquid Lithium
Experimental Study of Bubble Motion in Mercury With and Without a Magnetic Field **HT 404**

Liquid Melt
Analysis of Melting in the Presence of Natural Convection in the Melt Region **HT 520**

Liquid Metals
Natural Convection in Liquid Metals in an Enclosure (TN) **HT 675**

Liquid-Solid Impact
High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) **F 396**

Liquid-Solid Impact Calculations With Triangular Elements (TB) **F 598**

Liquid Solutions
Diffusion Transport in a Liquid Solution With a Moving, Semipermeable Boundary **HT 322**

Liquids
Conditions for a Pipe to Run Full When Discharging Liquid Into a Space Filled With Gas **F 405**

A Correlating Equation for Forced Convection from Gases and Liquids to a Circular Cylinder in Crossflow **HT 300**

Freezing-Controlled Penetration of a Saturated Liquid Into a Cold Tube **HT 233**

Liu, C. H. Fully Developed Flow and Heat Transfer in Ducts Having Streamwise-Periodic Variations of Cross-Sectional Area **HT 180**

Liu, J. Y. Dynamic Life Estimation for Track Surfaces under Periodic Loadings and Nonuniform Backup Supports (D) **L 307**; (AC) **L 308**

Livesey, J. L. An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers With Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) **F 357**

Llorens, R. E. The Compression of Thick-Walled Tubes by External Pressure (77-PVP-2) **PVT 516**

Lloyd, J. R. Radiation-Convection Interaction in an Absorbing-Emitting Liquid in Natural Convection Boundary Layer Flow (TN) **HT 125**; Theoretical and Experimental Study of Radiation-Convection Interaction in a Diffusion Flame **HT 212**

Lo, K. H. A High-Order Theory of Plate Deformation—Part 1: Homogeneous Plates (77-WA/APM-23) **AM 663**; A High-Order Theory of Plate Deformation—Part 2: Laminated Plates (77-WA/APM-24) **AM 669**

Load Distribution
A Systems Approach to Determining Actual Misalignment and Load Distribution for Cylindrical Roller Bearings in Commercial Gear Trains (76-LubS-15) **L 41**; (D) **L 46–48**; (AC) **L 49**

Load Ratio
Near-Threshold Fatigue Crack Propagation in Ultra-High Strength Steel: Influence of Load Ratio and Cyclic Strength **MT 195**

Loading
The Inelastic Deformation of Pressurized Stainless Steel Tubes Under Dynamic Bending and Torsional Loading (76-PVP-24) **PVT 258**

Multiple Fracture of Beams Under Localized Impulsive Loading (77-APM-23) **AM 259**

Loading Conditions
Low-Cycle Fatigue Under Out-of-Phase Loading Conditions **MT 222**

Loading Mechanisms
Loading Mechanisms in Thawed Permafrost Around Arctic Wells (77-Pet-22) **PVT 641**

Loads
Effects of Load, Speed, and Surface Roughness on Sliding EHD Contact Temperatures (76-Lub-23) **L 254**; (D) **L 261**; (AC) **L 262**

Loakimidis, N. I. A Star-Shaped Array of Curvilinear Cracks in an Infinite Isotropic Elastic Medium **AM 619**
Localized Impulsive Loads
Multiple Fracture of Beams Under Localized Impulsive Loading (77-APM-23) **AM 259**
Locklin, D. W. Improvement of Seasonal Efficiency of Residential Heating Systems (D) **P 333**; (AC) **P 334**
Lockwood, F. C. A Hybrid Marching Integration Procedure for the Prediction of Two-Dimensional Supersonic Boundary Layers **F 205**
Locomotive Processes
An Electrohydraulic Knee-Torque Controller for a Prosthesis Simulator (76-WA/Bio-10) **BE 3**
Log-Mean Temperature Difference
Mean Temperature Difference in Odd-Tube-Pass Heat Exchangers (TN) **HT 487**
Logan, E., Jr. Response of a Turbulent Pipe Flow to a Change in Roughness (77-FE-3) **F 548**; (D) **F 553, 554**; (AC) **F 554**
Logarithmic Least-Squares Technique
Application of a Class of Distribution Functions to Drop-Size Data by Logarithmic Least-Squares Technique **P 684**
Loh, H. C. Vibration and Stability of Spinning Annular Plates Reinforced With Edge Beams (BN) **AM 499**
Lones, J. J. Development of Economical Casting Process for NEMO-Type Acrylic Submersible Hulls (76-WA/OcE-7) **I 493**
Long, L. S., III The Effect of Viscous Damping on Spin Stability of a Rigid Body With a Fixed Point (BN) **AM 349**
Longitudinal Acceleration Comfort
A Survey of Longitudinal Acceleration Comfort Studies in Ground Transportation Vehicles **DS 76**
Longitudinal Control
Vehicle-Follower Longitudinal Control for Automated Transit Vehicles **DS 241**
Vehicle-Follower Control With Variable-Gains for Short Headway Automated Guideway Transit Systems **DS 183**
Longitudinal Shear
Fully Plastic Asymmetric Edge Crack Under Longitudinal Shear (77-APM-15) **AM 255**
Longitudinal Waves
Longitudinal Waves in Fiber-Reinforced Composite at Low and High Frequency Ranges (BN) **AM 492**
Longman, R. W. Optimal Control of a Partially Time Lagged River Aeration System Subject to Random Disturbances **DS 193**
Longsworth, R. C. Optimization of Helium Refrigerators for Superconducting Power Transmission Lines in Terms of Cost and Reliability (76-WA/PID-16) **I 551**
Loom Driving Motors
Power Input to Weaving Looms Driving Motors (76-Tex-5) **I 65**
Lord, P. R. Power Input to Weaving Looms Driving Motors (76-Tex-5) **I 65**
Loss Coefficients
Loss Coefficients for Fluid Meters (76-WA/FM-2) **F 245**
Loss Factors
Frequency and Loss Factors of Tapered Symmetric Sandwich Beams (BN) **AM 511**
Loss Factor for a Rectangular Plate of Parabolic Thickness Variation **I 799**
Losslessness
System Properties of One-Dimensional Distributed Systems **DS 85**
Loss-of-Coolant Accident
Conditions for a Pipe to Run Full When Discharging Liquid Into a Space Filled With Gas **F 405**
Louthan, M. R., Jr. The Tensile Ductility of Austenitic Steels in Air and Hydrogen **MT 153**
Love, W. J. Corner Crack at the Bore of a Rotating Disk (Er) **P 96**. Fracture in Straight Pipes Under Large Deflection Conditions—Part I: Structural Deformations (76-PVP-9) **PVT 122**. Part II: Pipe Pressures (76-PVP-14) **PVT 128**. Further Dynamic Finite Element Analysis of the Tapered DCB Specimen **MT 324**. Inner and Outer Cracks in Internally Pressurized Cylinders (76-PVP-6) **PVT 83**. Stress Intensity Factors in Edge-Cracked Plates Subjected to Transient Thermal Singularities (76-PVP-38) **PVT 100**
Low-Cycle Fatigue
Low-Cycle Fatigue of AISI 1010 Steel at Temperatures up to 1200 F (649 C) (76-WA/PVP-3) **PVT 432**
Low Cycle Fatigue of Two Austenitic Alloys in Hydrogen Gas and Air at Elevated Temperatures (D) **MT 282**. (AC) **MT 283**
Low-Cycle Fatigue Under Out-of-Phase Loading Conditions **MT 222**
Microstructural Effects in the Low-Cycle Fatigue of Fe-Ni-Cr Austenite **MT 29**
Multiaxial Low-Cycle Fatigue of Type 304 Stainless Steel (D) **MT 283**. (AC) **MT 285**
A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) **P 391**
X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) **MT 110**
Low Frequency Ranges
Longitudinal Waves in Fiber-Reinforced Composite at Low and High Frequency Ranges (BN) **AM 492**
Lowe, A. L., Jr. Fracture Toughness Properties of SA540 Steels for Nuclear Bolting Applications **PVT 419**
Lower-Bound Computations
Review of Lower-Bound Limit Analysis for Pressure Vessel Intersections **PVT 413**
Lower Bounds
Lower Bounds to the Collapse Load of a Thick Circular Cylinder Subjected to Internal Pressure and Shear (BN) **AM 766**
Lubin, B. T. Frequency Response of a Tube Bundle in Water (TB) **F 416**
Lubricant Films
A Microcontinuum Theory for the Elastohydrodynamic Inlet Zone (76-Lub-19) **L 24**
Lubricant Starvation
Isothermal Elastohydrodynamic Lubrication of Point Contacts: Part IV—Starvation Results (76-Lub-31) **L 15**
Lubricants
The Behavior of Bubbles in Non-Newtonian Lubricants **L 445**
Lubricated Bearing Clearances
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (D) (AC) **I 918**
Lubricating Greases
Modern Lubricating Greases (BR) **L 305**
Lubrication
Cavitation and Related Phenomena in Lubrication (BR) **L 136**
First Effects of Stokes Roughness on Hydrodynamic Lubrication (76-Lub-12) **L 2**
The Lubrication of a Long, Porous, Flexible Journal Bearing **L 449**
The Lubrication of Short, Flexible Journal Bearings (TB) **L 376**
Lubrication of Surfaces Having Area-Distributed Isotropic Roughness (76-Lub-7) **L 323**. (D) (AC) **L 329**
On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) **L 163**. (D) **L 172, 173**. (AC) **L 173**
Workpiece Surface Roughening in a Hydrodynamically Lubricated Metal Forming Process (76-Lub-15) **L 10**
Lubrication Mechanics
Modern Developments in Lubrication Mechanics (BR) **L 304**
Lubrication Systems
Bearing Oil Delivery by Disk-Scraper Means (76-Lub-2) **L 174**. (D) (AC) **L 178**
Lubrication Theory
On Asymptotic Approximations to a Class of Regular Perturbation Problems **L 369**
Luk, V. K. Circumferential Edge Crack in a Cylindrical Cavity (77-APM-29) **AM 250**
Lumped Dynamic Elements
An Efficient Simulation Method for Distributed Lumped Fluid Networks (76-WA/FICs-1) **DS 34**
Lumped-Element Systems
System Properties of One-Dimensional Distributed Systems **DS 85**
Lumped-Parameter Models
Dynamic Response of a Cam-Actuated Mechanism With Pneumatic Coupling (76-DET-35) **I 598**
Lundin, C. D. The Significance of Weld Discontinuities—A Review of Current Literature **PVT 382**
Lyapunov Theory
Comparison of Continuous and Discrete Adaptive Identification Algorithms (TB) **DS 313**
Lyman, J. The Effect of Plastic Strain Followed by Aging on the Elastic Limit of Quenched and Tempered and Austempered 4340 Steel (TB) **MT 393**
Lyons, D. W. Comparative Analysis of Trash Contamination in Cotton by Optical Scanning (76-Tex-1) **I 46**

M

Macaca Nemestrina
In-Vivo Bone Strain Telemetry in Monkeys (*M Nemestrina*) **BE 104**
MacDonald, D. A. On Asymptotic Approximations to a Class of Regular Perturbation Problems **L 369**
Mach-Zehnder Interferometer
An Experimental Study of Natural Convection Mass Transfer Along a Vertical Plate With Surface Injection (76-HT-14) **HT 446**
Machine-Tool Chatter
A New Approach to the Analysis of Machine-Tool System Stability Under Working Conditions (76-WA/Prod-11) **I 585**
Machine Tool Control
Design of a Hardware Observer for Active Machine Tool Control **DS 227**
Machine Tool Joints
Stiffness of Machine Tool Joints: A Random-Process Approach (76-WA/Prod-23) **I 250**. (D) (AC) **I 918**
Machine Tool Structures
Reliability Analysis of Machine Tool Structures **I 882**
Machine Tools
Design of a Viscoelastic Dynamic Absorber for Machine Tool Applications (76-WA/Prod-20) **I 620**
Machined Tensile Specimens
A Modified Tension Test **MT 252**
Machining
Determination of Plastic Contact Length Between Chip and Tool in Machining (TB) **I 802**
High-Speed Films of the Incipient Cutting Process in Machining at Conventional Speeds (76-WA/Prod-26) **I 263**
Investigation of Surface Temperature in Electro-Discharge Machining (76-WA/Prod-8) **I 682**
Machining Economics
Fracture and Wear as Factors Affecting Stochastic Tool-Life Models and Machining Economics (75-WA/Prod-8) **I 281**. (D) (AC) **I 508**
Machining Processes
Optimization of Cutting Conditions for Multi-Pass Operations Considering Probabilistic Nature in Machining Processes (76-WA/Prod-4) **I 210**
Macroerrors
Stochastic Characterization of Macro- and Microerrors of Journal Bearing Roundness (76-DET-51) **I 327**. (D) **I 334**. (AC) **I 335**
Maday, C. J. A Class of Maximum Load Capacity Sector Thrust Bearings (76-Lub-6) **L 180**. (D) **L 184**. (AC) **L 186**
Madden, C. The Effect of Plastic Strain Followed by Aging on the Elastic Limit of Quenched and Tempered and Austempered 4340 Steel (TB) **MT 393**
Maddox, H. A. Measurements of Torsional Dynamic Characteristics of the San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) **P 378**. (D) (AC) **P 383**
Maddox, K. C. Design of a Viscoelastic Dynamic Absorber for Machine Tool Applications (76-WA/Prod-20) **I 620**
Madni, I. K. Buoyant Jets Discharging Nonvertically Into a Uniform, Quiescent Ambient—A Finite-Difference Analysis and Turbulence Modeling **HT 641**. Prediction of Turbulent Forced Plumes Issuing Vertically Into Stratified or Uniform Ambients **HT 99**
Maewal, A. Stable Postbuckling Equilibria of Axially Compressed, Elastic Circular Cylindrical Shells: A Finite-Element Analysis and Comparison With Experiments (77-WA/APM-9) **AM 475**
Magee, C. L. The Effect of Strain Rate Upon the Bending Behavior of Materials (76-Mat-FF) **MT 47**. The Interplay of Geometric and Materials Variables in Energy Absorption **MT 114**
Mager, T. R. Fatigue Crack Growth Characteristics of A533 Grade B Class I Plate in an Environment of High-Temperature Primary Grade Nuclear Reactor Water (76-PVP-3) **PVT 238**
Magnetic Fields
Experimental Study of Bubble Motion in Mercury With and Without a Magnetic Field **HT 404**
Magnetically Levitated Vehicles
Passive Suspension Design for a Magnetically Levitated Vehicle **DS 277**
Magnetoelastic Buckling
Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) **AM 305**

Magnetoelastic Problems
The Linear Magnetoelastic Problem for a Soft Ferromagnetic Elastic Solid With a Finite Crack **AM 47**
Mainstream Fluids
Film Cooling With Large Density Differences Between the Mainstream and the Secondary Fluid Measured by the Heat-Mass Transfer Analogy **HT 620**
Maji, J. Erosion of a Tube by Gas-Particle Flow (76-WA/Mat-9) **MT 138**
Major Axis
Stress Concentration Around an Elliptic Hole in a Cylindrical Shell Under Torsion With Major Axis of the Hole Perpendicular to the Shell Axis (BN) **AM 184**
Majumdar, A. K. Numerical Computation of Flow in Rotating Ducts (76-FE-25) **F 148**
Majumdar, B. C. Porous Gas Journal Bearings—A Semianalytical Solution (TB) **MT 487**
Mak, W. C. The Lubrication of a Long, Porous, Flexible Journal Bearing **L 449**
Mal, A. K. The Elastic Moduli of a Fiber-Reinforced Composite (76-APM-RR) **AM 61**. (Er) **AM 803**
Male, A. T. The Transport and Breakdown of Solid Lubricants in a Simple Forging Operation (D) **L 234**. (AC) **L 235**
Malik, M. A. K. Average Life of Equipment Subject to Compound Failures (76-PEM-A) **I 431**
Malkin, S. ASME Review of Materials Processing Literature 1973-1975: Grinding **I 901**
Mang, H. A. Instability Analysis of Torispherical Pressure Vessel Heads with Triangular Thin-Shell Finite Elements (76-PVP-33) **PVT 64**
Manipulation Techniques
An Improved Symbolic Manipulation Technique for the Simulation of Nonlinear Dynamic Systems With Mixed Time-Varying and Constant Terms **DS 157**
Manipulator Fine Motions
Force Feedback Control of Manipulator Fine Motions **DS 91**
Mann, R. W. An Electrohydraulic Knee-Torque Controller for a Prosthesis Simulator (76-WA/Bio-10) **BE 3**
Manson, S. S. Multiaxial Low-Cycle Fatigue of Type 304 Stainless Steel (D) **MT 283**. (AC) **MT 285**
Mansour, J. M. On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) **L 163**. (D) **L 172, 173**. (AC) **L 173**
Mansour, W. M. On the Design of Bolted Connections With Gaskets Subjected to Fatigue Loading (76-DET-57) **I 388**. (D) (AC) **I 393**
Manufacturing Systems
Analysis of In-Process Buffers for Multi-Input Manufacturing Systems (D) (AC) **I 287**
The Effect of Fin Geometry and Manufacturing Process on Ceramic Regenerator Thermodynamic Performance (77-GT-61) **P 638**
Group Scheduling Technique for Multiproduct, Multistage Manufacturing Systems (76-WA/Prod-27) **I 759**
Marching Integration
A Hybrid Marching Integration Procedure for the Prediction of Two-Dimensional Supersonic Boundary Layers **F 205**
Maresca, C. An Experimental Study of Three-Dimensional Characteristics of Propeller Wakes Under Stalling Conditions **F 745**
Margolis, D. An Analysis of Wave Convection of Rolling Bodies **I 835**
Mariante, W. Optimum Design of a Complex Planar Mechanism (76-DET-47) **I 539**
Marine Aerosols
Applications of a Scattering Spectrometer System for Marine Aerosol Measurement (77-GT-32) **P 533**
Marine Production Risers
An Articulated Multiline Production Riser for Deepwater Application (76-Pet-44) **PVT 158**
Design, Fabrication, and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) **PVT 164**
A Method for Analysis of a Prototype Articulated Multiline Marine Production Riser System (76-Pet-46) **PVT 170**
Mark, F. F. Experimental Investigations of Steady and Pulsatile Laminar Flow in a 90° Branch **AM 372**
Markenscoff, X. Transverse Vibration of a Uniform Simply Supported Timoshenko Beam Without Transverse Deflection (D) (AC) **AM 362**
Martelange schist
High-Pressure Jet-Drilling Experiments in Some Hard Rocks (76-Pet-50) **PVT 353**
Martin, C. S. Fluid Transients (Op) **F 271**
Martin, G. C. Dynamic Simulation of Freight Car and Lading During Impact (77-RT-3) **I 859**. Influence of Nonlinear Wheel/Rail Contact Geometry on Stability of Rail Vehicles (D) **I 923, 924**. (AC) **I 925**
Martin, H. F. Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) **P 399**. (D) **P 404**. (AC) **P 405**
Martin, W. W. Prediction of Oscillation Frequencies for Unstable Flow Past Cavities (D) **F 299**. (AC) **F 300**
Marty, C. C. Investigation of Surface Temperature in Electro-Discharge Machining (76-WA/Prod-8) **I 682**
Maruyama, S. Data-Based Computer System for Pressure Vessel Design (76-PVP-63) **PVT 337**
Marzouk, E. S. A Simple Pressure-Gain Combustor for Gas Turbines (76-GT-6) **P 153**
Masaki, S. A Fracture Criterion for Porous Materials and Its Application to the Shape of Sintered Preforms in Forging **MT 16**
Masri, S. F. Transient Response of a Shear Beam to Correlated Random Boundary Excitation (77-APM-24) **AM 487**
Mass
Forced Vibrations of a Mass Connected to an Elastic Half Space by a Spring (BN) **AM 788**
An Investigation on the Diffusion of Momentum and Mass of Fuel in a Diesel Fuel Spray (76-DGP-1) **P 225**. (D) **P 235**. (AC) **P 236**
Stability of Elastically Restrained Timoshenko Cantilevers with Attached Masses Subjected to a Follower Force (77-WA/APM-7) **AM 731**
Mass Diffusion
Mass Diffusion from a Point Source in a Neutral Turbulent Shear Layer **HT 433**
Mass Flow
Bunker Design—Part 1: Bunker Outlet Design and Initial Measurements of Wall Pressures **I 809**. Part 2: Wall Pressures in Mass Flow **I 814**. Part 3: Wall Pressures and Flow Patterns in Funnel Flow **I 819**. Part 4: Recommendations **I 824**
Mass Media
The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays—Part I: The Drop-Size/Volume-Fraction Distribution (76-WA/GT-9) **P 309**. Part II: The Drop-Size/Number Distribution (76-WA/GT-10) **P 315**
Mass Transfer
A Correlating Equation for Forced Convection from Gases and Liquids to a Circular Cylinder in Crossflow **HT 300**
Direct Measurement of Wall Shear Stress With Mass Transfer in a Low Speed Boundary Layer **F 580**. (D) **F 784**. (AC) **F 785**
An Experimental Study of Natural Convection Mass Transfer Along a Vertical Plate With Surface Injection (76-HT-14) **HT 446**
Heat/Mass Transfer Characteristics for Flow in a Corrugated Wall Channel **HT 187**
Heat and Mass Transfer in Rotary Heat Exchangers With Nonhygroscopic Rotor Materials **HT 196**. (Er) **HT 503**
Mass Transfer and Pressure Rise in Moist Porous Material Subjected to Sudden Heating **HT 105**
Local Mass Transfer From Rotating Wedge-Shaped Blades **HT 634**
Natural Convection Mass Transfer at Salt-Brine Interfaces **76-HT-33 HT 603**
Singular Perturbation Theory for Melting or Freezing in Finite Domains Initially Not at the Fusion Temperature **AM 25**
Transient Heat and Mass Transfer to a Drop in an Electric Field (76-WA/HT-43) **HT 269**
Transient Heat and Mass Transfer in Soils in the Vicinity of Heated Porous Pipes **HT 541**
Mass Transfer Analogy
Film Cooling With Large Density Differences Between the Mainstream and the Secondary Fluid Measured by the Heat-Mass Transfer Analogy **HT 620**
Mass Transport
Derivation of Turbulent Transport Coefficients From Turbulent Parameters in Isotropic Turbulence **F 732**
Masubuchi, K. *(recipient)* Materials Division Best Paper Award **MT 1**
Masumura, R. A. The Elastic Energy of Interacting Edge Dislocations in an Infinite Array (77-WA/APM-20) **AM 595**
Masur, E. F. *(reviewer)* Optimal Design of Flexural Systems: Beams, Grillages, Slabs, Plates, and Shells (BR) **AM 516**
Material Anisotropy
Heat Conduction in an Anisotropic Medium Homogeneous in Cylindrical Regions—Unsteady State **HT 41**
Material Damping
Loss Factor for a Rectangular Plate of Parabolic Thickness Variation **I 799**
Material Flow
Integrable Generalized Wave Equations Exhibiting a Hypoelastic Compressible Rate-Sensitive Material Flow (77-WA/APM-2) **AM 419**. (Er) **AM 803**
Material Nonlinearities
Finite Element Static Analysis of Axisymmetric Solids With Material and Geometric Nonlinearities (76-PVP-A) **PVT 386**
Material Orthotropy
Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) **PVT 454**
Material Properties
Effects of Surface Hardness and Other Material Properties on Erosive Wear of Metals by Solid Particles (76-WA/Mat-8) **MT 133**
Materials Consideration
Materials Consideration for the BIGAS Coal Gasification Pilot Plant (76-PVP-41) **PVT 322**
Materials Development
Current Progress in Materials Development for Coal Conversion **MT 372**
Materials Processing Literature
ASME Review of Materials Processing Literature 1973-1975: Grinding **I 901**
Review of Materials Processing Literature 1973-1975 German Language Literature—Part 1: Metal Forming **I 889**. Part 2: Metal Removal **I 896**
Materials Variables
The Interplay of Geometric and Materials Variables in Energy Absorption **MT 114**
Mates, R. E. Estimation of Systemic Arterial Impedance in Man From Cardiac Catheterization Data (76-WA/Bio-6) **BE 9**
Mathematical Models
Mathematical Model for Spray Cooling Systems **P 279**
Mathematical Models (BR) **DS 219**
A Mathematical Model for Transient Subchannel Analysis of Rod-Bundle in Nuclear Fuel Elements (D) (AC) **HT 347**
Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) **PVT 367**
Mathieu, J. Secondary Flows in Compressor Bladings (76-GT-57) **P 211**
Matrix Geometry Techniques
Matrix Representation and Prediction of Three-Dimensional Cutting Forces **I 828**
Matrix Loop Equations
A Dependable Method for Solving Matrix Loop Equations for the General Three-Dimensional Mechanism (76-DET-53) **I 547**
Matrix Methods
Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) **PVT 454**
Matson, L. Seals for Geothermal Roller Drill Bits (77-Pet-53) **PVT 614**
Matsuzaki, Y. Analysis of Straight and Buckled Two-Dimensional Channels Conveying an Incompressible Flow **AM 548**
Matsumoto, G. Y. Acoustodynamics of the Longitudinal Collinear Impact of Finite Elastic Cylinders (76-WA/DE-19) **I 144**
Matthew, G. K. Synthesis of Spring Parameters to Satisfy Specified Energy Levels in Planar Mechanisms (76-DET-44) **I 341**. Synthesis of Spring Parameters to Balance General Forcing Functions in Planar Mechanisms (76-DET-45) **I 347**. (D) (AC) **I 352**
Mauck, G. W. An Experimental and Theoretical Investigation of Hypothermia in Dogs **BE 195**
Mayer, A. Generalized Cumulants Representing a Transient Random Process in a Linear System **DS 103**
Mayer, M., Jr. A Unique Cotton Sliver Drafting System (76-Tex-4) **I 61**
Mayers, J. Consistent Treatment of Extensional Deformations for the Bending of Arches, Curved Beams and Rings (76-PVP-11) **PVT 2**
Mayle, R. E. Effect of Streamline Curvature on Film Cooling (76-GT-90) **P 77**

Maximum Principle Approach
A Contribution to the Problem of Designing Optimum Performance Bearings **L 462**
Mazzawy, R. S. Multiple Segment Parallel Compressor Model for Circumferential Flow Distortion **P 288**
McAllister, G. T. A Class of Maximum Load Capacity Sector Thrust Bearings (D) **L 184**; (AC) **L 186**
McBride, M. W. Refinement of the Mean Streamline Method of Blade Section Design (76-WA/FE-11) **F 561**
McCann, C. R. Combustion of Pulverized, Solvent-Refined Coal (76-WA/Fu-6) **P 305**
McCarthy, R. L. Planar Thermic Elements for Thermal Control Systems **DS 41**
McCarthy, T. C. Blood Velocity Patterns in Coronary Arteries **BE 26**
McClintock, R. B. Revised International Representations for the Viscosity of Water and Steam and New Representations for the Surface Tension of Water **P 664**
McCoy, J. J. *(reviewer)* Composite Materials and Their Use in Structures (BR) **AM 189**; The Elastic Moduli of a Fiber-Reinforced Composite (D) **AM 791**; (AC) **AM 792**; A Parabolic Theory of Stress Wave Propagation Through Inhomogeneous Linearly Elastic Solids **AM 462**
McCroskey, W. J. Biographical Sketch **F 39**; Some Current Research in Unsteady Fluid Dynamics—The 1976 Freeman Scholar Lecture **F 8**
McCullough, B. R. Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) **HT 392**
McDaniel, T. J. Solution Bounds for Transient Vibration Problems (76-WA/APM-27) **AM 159**
McDonald, C. F. Heat Exchanger Design Considerations for Gas Turbine HTGR Power Plant (76-GT-53) **P 237**
McGill, D. J. The Effect of Viscous Damping on Spin Stability of a Rigid Body With a Fixed Point (BN) **AM 349**
McGrail, D. W. Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (76-WA/APC-1) **P 335**; (D) (AC) **P 341**
McGrath, J. J. Kinetics of Thermal Injury in Cells **BE 155**
McGrew, J. M., Jr. Reliability of Railroad Roller Bearings (76-LubS-18) **L 30**; (D) **L 36–39**; (AC) **L 39**
McKindra, C. Matrix Representation and Prediction of Three-Dimensional Cutting Forces **I 828**
McMeeking, R. M. Blunting of a Plane Strain Crack Tip Into a Shape With Vertices **MT 290**
McMurrin, J. C. Performance Measurements of a Cylindrical Glass Honeycomb Solar Collector Compared With Predictions (76-WA/Sol-3) **HT 169**
McPhee, M. G. Simulation of Sea Ice Dynamics During AIDJEX **PVT 491**
McWhannell, D. C. Shape and Frequency Composition of Pulses from an Impact Pair (76-DET-36) **I 513**
Mean Flow
Three-Dimensional Flow Field in Rocket Pump Inducers Part 2: Three-Dimensional Viscid Flow Analysis, and Hot Wire Data on Three-Dimensional Mean Flow and Turbulence Inside the Rotor Passage (75-WA/FE-21) **F 176**
Mean Pressure Distributions
An Investigation of the Forces on Three Dimensional Bluff Bodies in Rough Wall Turbulent Boundary Layers (76-WA/FE-1) **F 503**; (D) (AC) **F 510**
Mean Streamline Method
Refinement of the Mean Streamline Method of Blade Section Design (76-WA/FE-11) **F 561**
Mean Streamsheet Solutions
A Nearly Three-Dimensional Intrablade Computing System for Turbomachinery (76-FE-19 & 76-FE-20) **F 154**; (D) (AC) **F 166**
Mean Stress
The Effect of Stress Ratio on Fatigue Crack Growth in a Biaxial Stress Field (76-PVP-37) **PVT 137**
Mean Temperature Difference
Mean Temperature Difference in Odd-Tube-Pass Heat Exchangers (TN) **HT 487**
Measurement Techniques
Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique **BE 148**
Mechanical Assembly Automation
Force Feedback Control of Manipulator Fine Motions **DS 91**
Mechanical Behavior
Elevated-Temperature Mechanical Behavior of a Carbon-Manganese Pressure Vessel Steel **MT 359**
Mechanical Couplings
Mechanical Couplings—A General Geometrical Theory. Part 1: Theorems on Algebraic Loci and Couplings (76-DET-5) **I 77**; Part 2: Examples and Applications of the Theorems (76-DET-6) **I 82**; A Geometrical Theory (D) (AC) **I 919**
Mechanical Design Parameters
"IRIS" A Computerized High Head Pump Turbine Design System (76-WA/FE-12) **F 567**; (D) **F 577, 578**; (AC) **F 579**
Mechanical Engineers
A Survey of Fluid Mechanics Education of Mechanical Engineers (77-FE-11) **F 446**; (D) **F 786**; (AC) **F 787**
Mechanical Equation of State
A Mechanical Equation of State for Inelastic Deformation of Iron: An Analytic Description (76-Mat-EE) **MT 59**
Mechanical Logical Elements
The Multiport Lever: A Mechanical Logical Element (76-DET-11) **I 353**; (D) **I 358**; (AC) **I 359**
Mechanical Models
A Mechanical Model for Permafrost Thaw Subsidence (76-Pet-54) **PVT 183**
Mechanical Properties
The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) **PVT 192**
Review of the Mechanical Properties of Cast Steels With Emphasis on Fatigue Behavior and the Influence of Microdiscontinuities **MT 329**
Mechanical Systems
The Critical Excitation of Nonlinear Systems (77-APM-18) **AM 333**
A Numerical Method for the Dynamic Analysis of Mechanical Systems in Impact (76-DET-1) **I 665**
Resonance Oscillations in Mechanical Systems (BR) **AM 365**
A Sparsity-Oriented Approach to the Dynamic Analysis and Design of Mechanical Systems—Part 1 (76-DET-19) **I 773**; Part 2 (76-DET-20) **I 780**
Mechanics Inequalities
Inequalities in Mechanics and Physics (BR) **AM 364**
Mechanism Links
Elastodynamic Analysis of a Completely Elastic System (76-DET-32) **I 604**
Mechanism Problems
A Numerical Method for the Dynamic Analysis of Mechanical Systems in Impact (76-DET-1) **I 665**
Mechanism-Spring System
Synthesis of Spring Parameters to Balance General Forcing Functions in Planar Mechanisms (76-DET-45) **I 347**; (D) (AC) **I 352**
Mechanisms
Application of Instantaneous Invariants to the Analysis and Synthesis of Mechanisms (76-DET-12) **I 97**
Dynamic Response of Elastic Rods Under Parametric Excitations (76-DE-G) **I 41**
Gross Motion Analysis of Planar Linkages With Application to a Geared Five-Bar (76-DET-31) **I 674**
Mechanisms as Components of Dynamic Systems: A Bond Graph Approach (76-DET-21) **I 104**; (Er) **I 492**; (D) (AC) **I 509**
The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) **I 715**
The Use of a Random Algorithm for Dynamic Optimization of Mechanisms (76-WA/DE-22) **I 153**
Medical Device Amendments
Medical Device Amendments of 1976 (Ed) **BE 57**
Medical Diagnosis
On the Feasibility of Obtaining Three-Dimensional Information From Thermographic Measurements **BE 58**
Meguid, S. A. On the Influence of Hardening and Anisotropy on the Plane-Strain Compression of Thin Metal Strip **AM 271**
Mehta, R. C. On the Solution of Transient Conduction With Temperature-Dependent Thermal Conductivity (TN) **HT 137**
Melling, A. *(author)* Principles and Practice of Laser-Doppler Anemometry (BR) **AM 518**
Mellor, G. The Calculation of Turbulent Boundary Layers on Spinning and Curved Surfaces (D) (AC) **F 437**
Melted Water Layers
A Criterion of Onset of Free Convection in a Horizontal Melted Water Layer With Free Surface **HT 92**
Melting
Analysis of Melting in the Presence of Natural Convection in the Melt Region **HT 520**
Non-Fourier Melting of a Semi-Infinite Solid **HT 25**
Singular Perturbation Theory for Melting or Freezing in Finite Domains Initially Not at the Fusion Temperature **AM 25**
Membrane Shell Theory
Numerical Solution of a Deep-Drawing Problem (76-WA/Prod-3) **I 206**
Mendelson, A. Stress Analysis and Stress-Intensity Factors for Finite Geometry Solids Containing Rectangular Surface Cracks (77-WA/APM-5) **AM 442**
Mercury
Experimental Study of Bubble Motion in Mercury With and Without a Magnetic Field **HT 404**
Merilo, M. Void Fraction Measurement With a Rotating Electric Field Conductance Gauge (TN) **HT 330**
Merkin, J. H. Free Convection Boundary Layers on Cylinders of Elliptic Cross Section **HT 453**
Meroney, R. The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) **AM 11**
Meshing Stiffnesses
Dynamic Stability of a Two-Stage Gear Train Under the Influence of Variable Meshing Stiffnesses **I 785**
Metal Cutting
Determination of Plastic Contact Length Between Chip and Tool in Machining (TB) **I 802**
Matrix Representation and Prediction of Three-Dimensional Cutting Forces **I 828**
On Wedge Indentation and Its Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) **I 702**
Metal Disks
Assessment of Deep-Drawability and Stretchability by Bulge Test of Concentrically Grooved Metal Disks (76-WA/Prod-14) **I 229**
Metal Forming
Review of Materials Processing Literature 1973-1975 German Language Literature—Part 1: Metal Forming **I 889**
Metal-Forming Dies
Optimum Design of Ribbon and Wire Wound Cylinders for Metal Forming Dies (76-WA/Prod-28) **I 733**
Metal-Forming Processes
An Analysis for Plane Strain Plastic Deformation in Metal-Working Process (76-WA/Prod-16) **I 727**
On the Drawability of Sheet Metal in Noncircular Cups (76-WA/Prod-2) **I 615**
On the Solution of Three-Dimensional Metal-Forming Processes (76-WA/Prod-17) **I 624**
Workpiece Surface Roughening in a Hydrodynamically Lubricated Metal Forming Process (76-Lub-15) **L 10**
Metal Removal
Review of Materials Processing Literature 1973-1975 German Language Literature—Part 2: Metal Removal **I 896**
Metal Strips
On the Influence of Hardening and Anisotropy on the Plane-Strain Compression of Thin Metal Strip **AM 271**
Metal Substrates
Thermally Induced Migration of Hydrocarbon Oil **L 158**
Metallic Materials
An Improved Method for Numerical Integration of Constitutive Equations of the Work Hardening-Recovery Type (TB) **MT 275**
Metallic Structures
Creep Analysis of Metallic Structures in the Presence of Thermal Gradients Using Newer Constitutive Relations (76-PVP-30) **PVT 272**
Metals
Creep Analysis of Metallic Structures in the Presence of Thermal Gradients Using Newer Constitutive Relations (76-PVP-30) **PVT 272**
A Dynamic Optical Correlation Technique for Fatigue Failure Prediction **MT 229**
Effects of Surface Hardness and Other Material Properties on Erosive Wear of Metals by Solid Particles (76-WA/Mat-8) **MT 133**
Fatigue Lives of Metals up to Crack Initiation **MT 212**
The Frictional Mechanism on the Surface of Metal Being Plastically Deformed by Drawing (76-WA/Prod-22) **I 242**
Particle Erosion Measurements on Metals (76-WA/Mat-1) **MT 121**
The Use of Classification Zones for Fatigue Behavior in Steels (76-Mat-Y) **MT 23**
Metals Fatigue
Fatigue of Metals as Stochastic Phenomena

(76-Mat-X) **MT 26**

Metering Accuracy
Fluid Delivery and Metering for Reaction-Injection Molding (76-WA/PID-19) **I 678**

Methane
Effect of Molecular Gas Radiation on a Planar, Two-Dimensional, Turbulent-Jet-Diffusion Flame (76-HT-54) **HT 221**

Methanol
Incipient Boiling Characteristics at Atmospheric and Subatmospheric Pressures **HT 398**

Method of Characteristics
Analysis of Early-Time Transient Heat Conduction by Method of Characteristics **HT 35**
Variable Time Steps for Simulating Transient Liquid Flow by Method of Characteristics (TB) **F 259**

Methodology
A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) **PVT 470**

Metwally, M. M. Stirling Engines With a Chemically Reactive Working Fluid—Some Thermodynamic Effects **P 284**

Metzger, D. E. Heat Transfer Between an Impinging Jet and a Rotating Disk (76-WA/HT-2) **HT 663**

Michalopoulos, C. D. Response of Nonclassically Damped Linear Systems to Stationary Random Excitation (BN) **AM 785**

Michel, D. J. Effect of Hold-Time on Elevated Temperature Fatigue Crack Propagation in Types 304 and 316 Stainless Steels (D) (AC) **MT 282**

Michell Bearings
Effect of Gas Bubbles on Behavior of Isothermal Michell Bearings **L 354**

Michels, H. T. Corrosion Performance of Austenitic Alloys in Automobile Exhaust Environments **MT 234**

Microcomputer-Based Controller
Microcomputer Implementation of Direct Digital Control Algorithms for Thermal Process Control Applications (77-WA/Aut-4) **DS 233**

Microdiscontinuities
Review of the Mechanical Properties of Cast Steels With Emphasis on Fatigue Behavior and the Influence of Microdiscontinuities **MT 329**

Microelectronic Thin Film Technology
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) **P 385**

Microerrors
Stochastic Characterization of Macro- and Microerrors of Journal Bearing Roundness (76-DET-51) **I 327**; (D) **I 334**; (AC) **I 335**

Micromechanical Deformation
A Mechanical Equation of State for Inelastic Deformation of Iron: An Analytic Description (76-Mat-EE) **MT 59**

Micropolar Fluid Theory
A Microcontinuum Theory for the Elastohydrodynamic Inlet Zone (76-Lub-19) **L 24**

Microstructural Effects
Microstructural Effects in the Low-Cycle Fatigue of Fe-Ni-Cr Austenite **MT 29**

Microstructural Modification
Enhancement of Fatigue Crack growth and Fracture Resistance in Ti-6Al-4V and Ti-6Al-6V-2Sn Through Microstructural Modification **MT 313**

Microthermistors
An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OCE-1) **BE 45**

Midha, A. An Approximate Method for the Dynamic Analysis of Elastic Linkages (76-DET-49) **I 449**

Midvidy, W. Stability of Poiseuille Flow in Elastic Tubes **AM 18**

Mihalek, E. W. Applications of a Scattering Spectrometer System for Marine Aerosol Measurement (77-GT-32) **P 533**; Real-Time Test Techniques for Sea-Salt Aerosol-Separator Evaluation (77-GT-29) **P 580**

Mikic, B. B. Effect of Superheat and Cavity Size on Frequency of Bubble Departure in Boiling **HT 246**

Milenkovic, V. A New Constant Velocity Coupling (76-DET-33) **I 367**; (D) **I 372, 373**; (AC) **I 374**

Miles, J. B. Free Turbulent Shear Layers on Plug Nozzles (D) **F 308**; (AC) **F 310**; Increased Turbulent Jet Mixing Rates Obtained by Self-Excited Acoustic Oscillations (D) **F 788**; (AC) **F 789**

Military Headgear Design
Bioengineering Considerations in the Design of Protective Headgear **BE 20**

Miller, A. K. An Improved Method for Numerical Integration of Constitutive Equations of the Work Hardening-Recovery Type (TB) **MT 275**

Miller, G. E. Dynamic Model of a Sac-Type Pneumatically Driven Artificial Ventricle **BE 14**

Miller, K. J. Low-Cycle Fatigue Under Out-of-Phase Loading Conditions **MT 222**

Miller, R. K. An Approximate Method of Analysis of the Transmission of Elastic Waves Through a Frictional Boundary **AM 652**

Milling
Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) **I 766**

Milling Machines
A New Approach to the Analysis of Machine-Tool System Stability Under Working Conditions (76-WA/Prod-11) **I 585**

Milne-Eddington Absorption Coefficient
The Use of the Milne-Eddington Absorption Coefficient for Radiative Heat Transfer in Combustion Systems **HT 458**

Minagawa, S. On Harmonic Waves in Layered Composites (77-WA/APM-30) **AM 689**

Mingori, D. L. Periodic Motion of Vehicles on Flexible Guideways **DS 268**

Minh, H. V. Deformation Modes and Lip Fracture During Hole Flanging of Circular Plates of Anisotropic Materials (76-WA/Prod-15) **I 738**

Minicomputers
Simulation of Bond Graphs on Minicomputers **DS 9**

Mini-Max Deviations
Design of Four-Bar Function Generators With Mini-Max Transmission Angle (76-DET-8) **I 360**; (D) **I 365**; (AC) **I 366**

Minimum Mass Design
A Simple Technique for the Minimum Mass Design of Continuous Structural Members (77-APM-27) **AM 285**

Minning, C. P. Calculation of Shape Factors Between Rings and Inverted Cones Sharing a Common Axis (TN) **HT 492**

Mioduchowski, A. A Note on Dynamic Axial Shear of a Compressible Hyperelastic Solid (BN) **AM 342**

Misalignment
A Systems Approach to Determining Actual Misalignment and Load Distribution for Cylindrical Roller Bearings in Commercial Gear Trains (76-LubS-15) **L 41**; (D) **L 46–48**; (AC) **L 49**

Mitchell, E. E. Design of a Hardware Observer for Active Machine Tool Control **DS 227**

Mitchell, M. R. Review of the Mechanical Properties of Cast Steels With Emphasis on Fatigue Behavior and the Influence of Microdiscontinuities **MT 329**

Mitchell, R. F. A Mechanical Model for Permafrost Thaw Subsidence (76-Pet-54) **PVT 183**

Mitsuda, K. Defects and Fracture Strength of Large Rotor Forgings for Steam Turbines (75-Pwr-10) **P 134**; (D) (AC) **P 142**

Mitsufuji, A. Data-Based Computer System for Pressure Vessel Design (76-PVP-63) **PVT 337**

Miura, R. Elevated Temperature Elastic-Plastic-Creep Test of an Elbow Subjected to In-Plane Moment Loading (76-PVP-64) **PVT 291**

Mixed Convection
Mixed Convection Across a Horizontal Cylinder With Uniform Surface Heat Flux (TN) **HT 679**
Mixed Convection in Boundary Layer Flow on a Horizontal Plate **HT 66**

Mixed Methods
A Mixed Method in Elasticity (76-WA/APM-30) **AM 51**; (D) **AM 790**; (AC) **AM 791**

Miyao, K. Stresses Due to Interference Fits in Cylinders with Concentric and Eccentric Holes (Er) **AM 356**

Miyazaki, H. Analysis of Effects of Free-Stream Turbulence on Heat Transfer and Skin Friction **HT 614**

Mock Circulation
Dynamic Model of a Sac-Type Pneumatically Driven Artificial Ventricle **BE 14**
In-Vitro and Predicted In-Vivo Performances of a Pneumatically Regulated Artificial Ventricle **BE 83**
A Model of a Sac-Type Artifical Ventricle in Mock Circulation **BE 33**

Mock Circulatory System
Analysis of an Artificial Ventricle and Mock Circulatory System **BE 184**

Modal Analysis Techniques
Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) **DS 23**
A Modal Analysis for the Damped Linear Gyroscopic Systems **AM 750**

Modal Control Technique
A New View of the Modal Control Technique (D) (AC) **DS 316**

Modeling Techniques
Dynamic Data System: A New Modeling Approach (76-WA/Prod-24) **I 708**

Modi, V. J. A Free-Streamline Model for Bluff Bodies in Confined Flow **F 585**

Modified Tension Test
A Modified Tension Test **MT 252**

Moes, H. Journal Bearing Impedance Descriptions for Rotordynamic Applications (76-Lub-24) **L 198**; (D) **L 211, 214**; (AC) **L 214**

Mohamed, M. H. Power Input to Weaving Looms Driving Motors (76-Tex-5) **I 65**

Mohammed, K.p. Investigations on Axial Flow Fan Impellers With Forward Swept Blades (77-FE-1) **F 543**; (D) (AC) **F 547**

Moist Porous Materials
Mass Transfer and Pressure Rise in Moist Porous Material Subjected to Sudden Heating **HT 105**

Moisture Fluctuation
Effects of Fluctuating Moisture and Temperature on the Mechanical Response of Resin-Plates **AM 571**

Molecular Gas Bands
Effect of Molecular Gas Radiation on a Planar, Two-Dimensional, Turbulent-Jet-Diffusion Flame (76-HT-54) **HT 221**

Moment Loading
Elevated Temperature Elastic-Plastic-Creep Test of an Elbow Subjected to In-Plane Moment Loading (76-PVP-64) **PVT 291**

Momentum
An Investigation on the Diffusion of Momentum and Mass of Fuel in a Diesel Fuel Spray (76-DGP-1) **P 225**; (D) **P 235**; (AC) **P 236**

Momentum Correction Factor
On the Momentum Correction Factor in Pulsatile Blood Flow (BN) **AM 343**

Momentum Transport
Derivation of Turbulent Transport Coefficients From Turbulent Parameters in Isotropic Turbulence **F 732**

Mondt, J. R. Effects of Nonuniform Passages on Deepfold Heat Exchanger Performance (76-WA/HT-32) **P 657**

Monkey Tibia
In-Vivo Bone Strain Telemetry in Monkeys (*M. Nemestrina*) **BE 104**

Monney, N. T. Ocean Energy Resources (OED - Vol. 4) **PVT 623**

Monochromatic Scattering Measurements
Radiative Heating in Ice **HT 227**

Monoclinic Systems
Heat Conduction in an Anisotropic Medium Homogeneous in Cylindrical Regions—Unsteady State **HT 41**

Monotonic Tension
Experimental Investigation of the Angled Elliptic Notch Problem in Tension (77-WA/APM-6) **AM 455**

Month, L. A. The Stability of Bifurcating Periodic Solutions in a Two-Degree-of-Freedom Nonlinear System (BN) **AM 782**

Mooij, A. Bunker Design—Part 2: Wall Pressures in Mass Flow **I 814**; Part 3: Wall Pressures and Flow Patterns in Funnel Flow **I 819**

Moon, D. M. Fatigue Crack Growth Characteristics of A533 Grade B Class I Plate in an Environment of High-Temperature Primary Grade Nuclear Reactor Water (76-PVP-3) **PVT 238**

Moon, F. C. Experiments on Buckling and Vibration of Superconducting Coils (77-WA/APM-28) **AM 707**

Moon, L. F. Velocity Distribution in an Abruptly Expanding Circular Duct **F 226**

Moon-Pao Treatment
Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) **AM 305**

Moore, J. G. Numerical Computation of Flow in Rotating Ducts (D) (AC) **F 434**

Moore, S. E. Contributions of the ORNL Piping Program to Nuclear Piping Design Codes and Standards **PVT**

224; Experimental Stress Analysis for Four 24-in. ANSI Standard B16.9 Tees (77-PVP-4) **PVT 537**

Moreau, R. A. An Investigation on the Diffusion of Momentum and Mass of Fuel in a Diesel Fuel Spray (D) **P 235**; (AC) **P 236**

Morel, T. Design of Two-Dimensional Wind Tunnel Contractions (76-WA/FE-4) **F 371**; (D) (AC) **F 377**

Moretti, P. M. Fluid Elastic Whirling of Tube Rows and Tube Arrays (D) (AC) **F 461**

Mori, T. Applicability of Fracture Mechanics Parameters to Crack Propagation Under Creep Condition **MT 298**

Mori, Y. The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) **HT 257**; Experimental Study of Bubble Motion in Mercury With and Without a Magnetic Field **HT 404**

Mori, Y. H. Heat Transfer From a Horizontal Plate Facing Upward to Superposed Liquid-Layers With Change of Phase (76-WA/HT-1) **HT 568**

Morris, R. E. Optical Determination of Rotating Fan Blade Deflections (D) (AC) **P 210**

Morris, S. O. Erosion of Powder Metallurgy Aluminum Alloys by Hot Propellant Gases (76-Mat-L) **MT 36**

Morrison, F. A., Jr. Transient Heat and Mass Transfer to a Drop in an Electric Field (76-WA/HT-43) **HT 269**; Transient Non-Darcy Gas Flow in a Finite Porous Bed (TB) **F 779**

Mortell, M. P. The Effect of Reflections on Nonlinear, Transient Pulse Propagation in Laminated Composites **AM 683**

Motion Transducers
A Motion Transducer for Use in the Intact In-Vitro Human Lumbar Spine **BE 160**

Motor Vehicle Exhaust Gas
Optimization of Automotive Engine Fuel Economy and Emissions **DS 109**

Moussa, N. A. Kinetics of Thermal Injury in Cells **BE 155**

Moving Heat Sources
Plane Stress Fields Induced by Moving Heat Sources in Butt-Welding **AM 231**

Moving Semipermeable Boundaries
Diffusion Transport in a Liquid Solution With a Moving, Semipermeable Boundary **HT 322**

Moving Walls
Numerical Study of Transient and Steady Induced Symmetric Flows in Rectangular Cavities (77-FE-17) **F 526**
Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) **L 224**

Mow, V. C. On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) **L 163**; (D) **L 172, 173**; (AC) **L 173**

Moyar, G. J. Reliability of Railroad Roller Bearings (76-LubS-18) **L 30**; (D) **L 36-39**; (AC) **L 39**

Moyer, C. A. Analysis of Tapered Roller Bearings Considering High Speed and Combined Loading (D) (AC) **L 140**

Mucoglu, A. Mixed Convection in Boundary Layer Flow on a Horizontal Plate **HT 66**; Mixed Convection Across a Horizontal Cylinder With Uniform Surface Heat Flux (TN) **HT 679**

Mueller, R. K. A Dynamic Optical Correlation Technique for Fatigue Failure Prediction **MT 229**; Fatigue Damage Detection in 2024-T3 Aluminum, Titanium, and Low Carbon Steel by Optical Correlation **MT 319**

Mueller, T. J. Fluid Stresses in the Vicinity of Disk, Ball, and Tilting Disk Prosthetic Heart Valves From In-Vitro Measurements **BE 173**; Numerical Study of the Steady Axisymmetric Flow Through a Disk-Type Prosthetic Heart Valve in a Constant Diameter Chamber **BE 91**

Mujumdar, A. S. Heat Transfer From Spheres in Naturally Turbulent Outdoor Environment (D) (AC) **HT 346**; The Numerical Prediction of the Turbulent Flow and Heat Transfer in the Entrance Region of a Parallel Plate Duct (D) **HT 347**; (AC) **HT 349**

Mukherjee, S. Creep Analysis of Metallic Structures in the Presence of Thermal Gradients Using Newer Constitutive Relations (76-PVP-30) **PVT 272**

Mulholland, G. P. Heat Transfer in a Three-Dimensional Anisotropic Solid of Arbitrary Shape (TN) **HT 135**

Muller, H.-P. The Effect of Rotor Blade Wakes on Centrifugal Compressor Diffuser Performance—A Comparative Experiment (D) **F 50**; (AC) **F 52**

Mullin, T. E. Heat Transfer to Water in Downward Flow in a Uniform Wall Temperature Vertical Tube at Low Graetz Numbers **HT 586**

Multiaxial Stress Systems
Loss Factor for a Rectangular Plate of Parabolic Thickness Variation **I 799**

Multiline Production Risers
An Articulated Multiline Production Riser for Deepwater Application (76-Pet-44) **PVT 158**
Design, Fabrication, and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) **PVT 164**

A Method for Analysis of a Prototype Articulated Multiline Marine Production Riser System (76-Pet-46) **PVT 170**

Multilink Flexible Mechanisms
Design and Analysis of Multilink Flexible Mechanisms With Multiple Clearance Connections (76-DET-9) **I 88**

Multiloop Planar Mechanisms
Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) **I 116**

Multimaterial Composites
Effective Thermal Diffusivity for a Multimaterial Composite Laminate (75-WA/HT-90) **HT 466**

Multi-Pass Operations
Optimization of Cutting Conditions for Multi-Pass Operations Considering Probabilistic Nature in Machining Processes (76-WA/Prod-4) **I 210**

Multiple-Injury Tool-Life Model
Tool-Life Distributions—Part 2: Multiple-Injury Tool-Life Model (76-WA/Prod-37) **I 523**; (D) **I 528**; (AC) **I 531**

Multiple Regression Analysis
Identification of Journal Bearing Characteristics **DS 167**

Multiply Separated Positions
Graphical Solution of the Branch and Order Problems of Linkage Synthesis for Multiply Separated Positions (76-DET-16) **I 591**

Multiport Levers
The Multiport Lever: A Mechanical Logical Element (76-DET-11) **I 353**; (D) **I 358**; (AC) **I 359**

Mumford, S. Catalysts for Gas Turbine Combustors—Experimental Test Results (76-GT-4) **P 159**; A Potential Low NOx Emission Combustor for Gas Turbines Using the Concept of Hybrid Combustion (77-GT-15) **P 631**

Municipal Refuse
Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (76-WA/CD-1) **P 449**; (D) **P 455**; (AC) **P 458**

Munro, M. Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) **AM 218**

Mura, T. The Elastic Field Outside an Ellipsoidal Inclusion (77-WA/APM-29) **AM 591**

Munroe, G. B., Jr. Reliability of Railroad Roller Bearings (D) **L 36**; (AC) **L 39**

Muraki, T. *(recipient)* Materials Division Best Paper Award **MT 1**

Murch, L. E. Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 1: Non-Vibratory Feeding Systems (76-WA/Prod-38) **I 302**; Part 2: Vibratory-Bowl Feeding Systems (76-WA/Prod-39) **I 308**

Murdock, J. W. An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) **P 343**; The Near-Field Disturbance Created by a Body in a Stratified Medium With a Free Surface (77-WA/APM-18) **AM 534**

Murotsu, Y. Optimization of Cutting Conditions for Multi-Pass Operations Considering Probabilistic Nature in Machining Processes (76-WA/Prod-4) **I 210**

Murphey, C. E. Collapse of Worn Casing (76-Pet-51) **PVT 208**

Murphy, H. D. Downhole Measurements of Thermal Conductivity in Geothermal Reservoirs (77-Pet-23) **PVT 607**

Murthy, M. V. V. Stress Concentration Around an Elliptic Hole in a Cylindrical Shell Under Torsion With Major Axis of the Hole Perpendicular to the Shell Axis (BN) **AM 184**

Murti, P. R. K. Dynamic Characteristics of Externally Pressurized Rectangular Porous Gas Thrust Bearings (D) (AC) **L 141**; Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (D) (AC) **L 338**

Muscle Stress
Comparison of Diastolic Ventricular Mechanics for Rigid Leaflet and Caged-Ball Prosthetic Valves **BE 178**

Muzio, L. J. Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) **P 320**

N

Na, T. Y. On Optimal Arch Design (76-DE-D) **I 37**; Prediction of Yield in Ductile Materials Operating at Creep Temperatures (76-WA/GT-11) (A) **P 425**

Nachbar, W. Stable Postbuckling Equilibria of Axially Compressed, Elastic Circular Cylindrical Shells: A Finite-Element Analysis and Comparison With Experiments (77-WA/APM-9) **AM 475**

Nagao, M. X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) **MT 110**

Nagara, H. S. Effects of Load, Speed, and Surface Roughness on Sliding EHD Contact Temperatures (76-Lub-23) **L 254**; (D) **L 261**; (AC) **L 262**

Nagarajan, R. Influence of Flank Wear on the Stresses in a Cutting Tool (76-WA/Prod-30) **I 566**

Nagata, T. Elevated Temperature Elastic-Plastic-Creep Test of an Elbow Subjected to In-Plane Moment Loading (76-PVP-64) **PVT 291**

Nagaya, K. Transverse Vibration of a Plate Having an Eccentric Inner Boundary (BN) **AM 165**; Vibrations and Dynamic Response of Viscoelastic Plates on Nonperiodic Elastic Supports (76-DE-H) **I 404**

Nagel, D. A. A Motion Transducer for Use in the Intact In-Vitro Human Lumbar Spine **BE 160**

Naghdi, P. M. A Note on Thermodynamics of Constrained Materials (BN) **AM 787**; Water Waves in a Nonhomogeneous Incompressible Fluid (77-WA/APM-27) (A) **AM 523**

Nagpal, V. Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) **I 754**; On the Solution of Three-Dimensional Metal-Forming Processes (76-WA/Prod-17) **I 624**

Nakagawa, H. Lower Bounds to the Collapse Load of a Thick Circular Cylinder Subjected to Internal Pressure and Shear (BN) **AM 766**

Nakamura, T. The Frictional Mechanism on the Surface of Metal Being Plastically Deformed by Drawing (76-WA/Prod-22) **I 242**

Nakao, H. Heavy Section Steel Plates for Reactor Pressure Vessels Produced by Basic Oxygen Process (76-PVP-56) **PVT 314**

Nakayama, A. Local Mass Transfer From Rotating Wedge-Shaped Blades **HT 634**

Nakayama, T. Lower Bounds to the Collapse Load of a Thick Circular Cylinder Subjected to Internal Pressure and Shear (BN) **AM 766**

Nakra, N. K. Combined Radiation—Convection for a Real Gas (76-HT-58) **HT 60**

Nakumura, K. Elevated Temperature Elastic-Plastic-Creep Test of an Elbow Subjected to In-Plane Moment Loading (76-PVP-64) **PVT 291**

Naphthalene Sublimation Technique
Heat/Mass Transfer Characteristics for Flow in a Corrugated Wall Channel **HT 187**

Narkis, Y. Response of Infinite Journal Gas Bearings to Harmonic Perturbations in the Rotational Speed **L 428**

Narrow Gaps
Nonaxisymmetric Flow in the Narrow Gap Between a Rotating Stationary Disc With an Eccentric Source (D) (AC) **F 606**

Nassirpour, F. Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-WA/Prod-9) **I 218**

Natesan, K. Representation of Elevated-Temperature Tensile Behavior of Type 304 Stainless Steel in a Sodium Environment **MT 366**

Nathman, E. An Analytical and Experimental Study of Automobile Dynamics With Random Roadway Inputs **DS 284**

Natural Convection
Analysis of Heat Transfer by Natural Convection Across Vertical Fluid Layers (76-HT-37) **HT 287**
Analysis of Melting in the Presence of Natural Convection in the Melt Region **HT 520**
Application of a K-ε Turbulence Model to Natural Convection From a Vertical Isothermal Surface (76-HT-17) **HT 79**

Effect of Tilt and Horizontal Aspect Ratio on Natural Convection in a Rectangular Honeycomb (TN) **HT 120**
Established Stripwise Laminar Natural Convection on a Horizontal Surface (76-HT-19) **HT 294**
An Experimental Study of Natural Convection Mass Transfer Along a Vertical Plate With Surface Injection (76-HT-14) **HT 446**
The Natural Convection of Air Over a Heated Plate With Forward-Facing Step (76-HT-15) **HT 439**
Natural Convection in Liquid Metals in an Enclosure (TN) **HT 675**
Natural Convective Mass Transfer at Salt-Brine Interfaces (76-HT-33) **HT 603**
Numerical Simulation of Natural Convection in Closed Containers by a Fully Implicit Method **F 649**
Radiation-Convection Interaction in an Absorbing-Emitting Liquid in Natural Convection Boundary Layer Flow (TN) **HT 125**
A Theoretical and Experimental Study of Radiation-Convection Interaction in a Diffusion Flame **HT 212**

Natural Fractures
Origin and Spacing of Cleats in Coal Beds (77-Pet-24) **PVT 624**

Natural Frequencies
Sensitivity of Torsional Natural Frequencies (76-WA/DE-18) **I 142**

Natural Lubrication
On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) **L 163**; (D) **L 172, 173**; (AC) **L 173**

Natural Structural Shapes
Natural Structural Shapes of Shallow Arches (77-APM-31) **AM 291**

Natural Turbulence
Heat Transfer From Spheres in Naturally Turbulent Outdoor Environment (D) (AC) **HT 346**

Naval Air Propulsion Test Center
Real-Time Test Techniques for Sea-Salt Aerosol-Separator Evaluation (77-GT-29) **P 580**

Naveh, B. M. On the Transition of a Shaft Through Critical Speeds **DS 48**

Navier-Cauchy Equations
Stress Analysis and Stress-Intensity Factors for Finite Geometry Solids Containing Rectangular Surface Cracks (77-WA/APM-5) **AM 442**

Navier-Stokes Equation
An Analysis for Plane Strain Plastic Deformation in Metal-Working Process (76-WA/Prod-16) **I 727**

Nawoj, H. J. An Experimental Investigation of the Plume Velocity Field Above a Horizontal Line Heat Source **HT 609**

Neck Triaxiality
A Modified Tension Test **MT 252**

Nee, V. W. Mass Diffusion from a Point Source in a Neutral Turbulent Shear Layer **HT 433**

Negative Static Stiffness
Static and Dynamic Performance of an Infinite Stiffness Hydrostatic Thrust Bearing **L 106**

Negrelli, D. E. A Theoretical and Experimental Study of Radiation-Convection Interaction in a Diffusion Flame **HT 212**

Neifert, H. R. A New Look at Subcritical Quenching (SCT) for Fatigue Strength Improvement (77-RT-4) **I 867**

Neighbors, P. K. Stress Intensity Factors in Edge-Cracked Plates Subjected to Transient Thermal Singularities (76-PVP-38) **PVT 100**

Nelson, A. W. Blood Velocity Patterns in Coronary Arteries **BE 26**

Nelson, D. V. The Fluid Pivot Journal Bearing (76-Lub-26) **L 122**; (D) **L 127**; (AC) **L 128**

Nelson, H. D. Finite Element Simulation of Rotor-Bearing Systems With Internal Damping (76-GT-89) **P 71**

Nemat-Nasser, S. Geothermal Energy: Heat Extraction From Hot Dry Rock Masses (77-Pet-41) **PVT 612**; On Harmonic Waves in Layered Composites (77-WA/APM-30) **AM 689**

Neoprene
Impact of a Rigid Body on an Elastic Half Space **AM 227**

Nerem, R. M. An Experimental Study of the Fluid Dynamics of Multiple Noncritical Stenoses **BE 74**

Nessler, G. L. Design of a Viscoelastic Dynamic Absorber for Machine Tool Applications (76-WA/Prod-20) **I 620**

Neuber Theory
A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) **P 391**

Neubert, V. H. The Viscoplastic Bending of Copper-Nickel and Steel Tubing **MT 387**

Neutral Surface Layers
Mass Diffusion from a Point Source in a Neutral Turbulent Shear Layer **HT 433**

Nevzorov, V. V. Adhesive Wear of Polymers **L 396**

Newton's Method
A Dependable Method for Solving Matrix Loop Equations for the General Three-Dimensional Mechanism (76-DET-53). **I 547**

Nice, M. L. Three-Dimensional Flow Within a Turbine Cascade Passage (76-GT-50) **P 21**

Nicholas, J. C. A Class of Maximum Load Capacity Sector Thrust Bearings (D) **L 184**; (AC) **L 186**; Systems of Finite Elements for Finite Bearings (76-Lub-13) **L 187**; (D) **L 194-196**; (AC) **L 196**

Nicholson, J. W. Timoshenko Beam Theory Is Not Always More Accurate Than Elementary Beam Theory (BN) **AM 337**

Nickel-Base Alloys
Corrosion Performance of Austenitic Alloys in Automobile Exhaust Environments **MT 234**

Nielsen, J. M. Analytical and Experimental Stress Analysis of a Cylinder-to-Cylinder Structure (77-PVP-11) **PVT 575**

Nielson, R. R. Geothermal Drill Bit Improvement—Specific Application to the Geysers (77-Pet-67) **PVT 619**

Nigam, S. P. Loss Factor for a Rectangular Plate of Parabolic Thickness Variation **I 799**

Nigm, M. M. Experimental Investigation of the Characteristics of Dynamic Cutting Process (76-Prod-A) **I 410**

Nikiforuk, P. N. The Design of a Signal Synthesis Model Reference Adaptive Control System for Linear Unknown Plants **DS 123**

Nishi, M. Deceleration Rate Parameter and Algebraic Prediction of Turbulent Boundary Layer (76-WA/FE-7) **F 390**; (D) (AC) **F 394**; Prediction of Flow Separation in a Diffuser by a Boundary Layer Calculation (76-WA/FE-6) **F 379**; (D) **F 387**; (AC) **F 388**

Nishikawa, N. Local Nonsimilar Solutions for Subliming Particle-Vapor Boundary-Layer Flow (TN) **HT 342**

Nishimura, M. Defects and Fracture Strength of Large Rotor Forgings for Steam Turbines (75-Pwr-10) **P 134**; (D) (AC) **P 142**

Nishiyama, T. Linearized Theory of Supercavitating Hydrofoils in Subsonic Liquid Flow **F 311**

Nitrogen Gas
Erosive Effects of High Pressure and High Temperature Gases on Steel **MT 239**

Nitrogen Oxide Emissions
The NOx Emission Levels of Unconventional Fuels for Gas Turbines (77-GT-16) **P 575**
A Potential Low NOx Emission Combustor for Gas Turbines Using the Concept of Hybrid Combustion (77-GT-15) **P 631**
A Simple Gas Turbine Combustor NOx Correlation Including the Effect of Vitiated Air (76-GT-5) **P 145**; (Er) **P 481**

Noble, S. L. An Investigation of Factors Contributing to Wide Gage on Tangent Railroad Track (75-WA/RT-1) **I 1**

Noda, N. Plane Thermoelastic Problem in a Multiply Connected Orthotropic Body **AM 431**

Noise-Corrupted Measurements
State Estimation and Parameter Identification of Freely Spinning Flexible Spacecraft **DS 51**

Noise Emissions
Shape and Frequency Composition of Pulses from an Impact Pair (76-DET-36) **I 513**

Nonaxisymmetric Flow
Nonaxisymmetric Flow in the Narrow Gap Between a Rotating and a Stationary Disk With an Eccentric Source (TB) **F 418**; (D) (AC) **F 606**

Noncircular Cups
On the Drawability of Sheet Metal in Noncircular Cups (76-WA/Prod-2) **I 615**

Noncircular Ducts
Application of Schwarz-Neumann Technique to Fully Developed Laminar Heat Transfer in Noncircular Ducts (TN) **HT 332**

Noncondensable Gas
The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) **HT 257**
The Effect of Surface Suction on Condensation in the Presence of a Noncondensable Gas (TN) **HT 498**

Noncritical Stenoses
An Experimental Study of the Fluid Dynamics of Multiple Noncritical Stenoses **BE 74**

Nondestructive Testing
Application of Elastic Waves in Electrical Devices, Nondestructive Testing, and Seismology (BR) **AM 800**

Non-Fourier Melting
Non-Fourier Melting of a Semi-Infinite Solid **HT 25**

Nonhygroscopic Rotor Materials
Heat and Mass Transfer in Rotary Heat Exchangers with Nonhygroscopic Rotor Materials **HT 198**; (Er) **HT 503**

Nonisothermal Flow
Friction Factor for Isothermal and Nonisothermal Flow Through Porous Media **HT 367**

Nonlifting Airfoils
The Response of Nonlifting Airfoils to Streamwise Gusts **F 213**

Nonlinear Analysis
Nonlinear Analysis of Surge Cycles (TB) **F 258**

Nonlinear Bond Graphs
Simulation of Bond Graphs on Minicomputers **DS 9**

Nonlinear Composites
The Effect of Reflections on Nonlinear, Transient Pulse Propagation in Laminated Composites **AM 683**

Nonlinear Differential Equations
Water Waves in a Nonhomogeneous Imcompressible Fluid (77-WA/APM-27) **AM 523**

Nonlinear Dynamics
Quasi-Bifurcation in Dynamics of Elastic-Plastic Continua (77-WA/APM-3) **AM 413**

Nonlinear Foundations
Traveling Loads on Viscoelastic Plates on Nonlinear Foundations **AM 677**

Nonlinear Mathematical Models
Dynamics of an Electrohydraulic Stepping Motor (TB) **DS 63**

Nonlinear Programming Problem
Application of a New Penalty Function Method to Design Optimization (76-DE-C) **I 31**

Nonlinear Stability Analysis
Nonlinear Stability Analysis of an Eccentrically Loaded Two-Bar Frame **AM 701**

Nonlinear Systems
The Critical Excitation of Nonlinear Systems (77-APM-18) **AM 333**
Notes on Nonlinear Systems (BR) **DS 70**
Response of a Nonlinear System Under Combined Parametric and Forcing Excitation (BN) **AM 179**
Series-Parallel and Parallel Identification Schemes for a Class of Continuous Nonlinear Systems (TB) **DS 137**
The Stability of Bifurcating Periodic Solutions in a Two-Degree-of-Freedom Nonlinear System (BN) **AM 782**

Nonlinear Viscoelastic Materials
Creep and Relaxation of Nonlinear Viscoelastic Materials with an Introduction to Linear Viscoelasticity (BR) **AM 364**

Nonlinearities
Finite Element Static Analysis of Axisymmetric Solids With Material and Geometric Nonlinearities (76-PVP-A) **PVT 386**
Response of Three Oscillators Coupled by a Weak Nonlinearity (77-APM-5) **AM 141**

Non-Metallic Materials
"The Wear of Non-Metallic Materials" 3rd Leeds-Lyon Symposium on Tribology—Leeds, U.K., September 1976 (FR) **L 147**

Non-Newtonian Lubricants
The Behavior of Bubbles in Non-Newtonian Lubricants **L 445**

Nonsymmetric Buckling
Nonsymmetric Buckling of Internally Pressurized Ellipsoidal and Torispherical Elastic-Plastic Pressure Vessel Heads (76-PVP-25) **PVT 54**
Stress and Buckling of Internally Pressurized, Elastic-Plastic Torispherical Vessel Heads—Comparisons of Test and Theory (76-PVP-23) **PVT 39**

Nonuniform Contact
Experimental Verification of Thermoelastic Instabilities in Sliding Contact (76-Lub-21) **L 359**; (D) **L 364**

Nonuniform Passages
Effect of Nonuniform Passages on Deepfold Heat Exchanger Performance (76-WA/HT-32) **P 657**

Non-Vibratory Feeders
Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 1: Non-Vibratory Feeding Systems

(76-WA/Prod-38) **I 302**

Notch Strength Reduction
Long-Life Notch Strength Reduction Due to Local Biaxial State of Stress **MT 215**

Novak, R. A. A Nearly Three-Dimensional Intrablade Computing System for Turbomachinery (76-FE-19 & 76-FE-20) **F 154**; (D) (AC) **F 166**

Novick, A. S. An Experimental Determination of the Unsteady Aerodynamics in a Controlled Oscillating Cascade (76-GT-17) **P 88**

Novotny, J. L. An Experimental Study of Natural Convection Mass Transfer Along a Vertical Plate With Surface Injection (76-HT-14) **HT 446**; Radiation-Convection Interaction in an Absorbing-Emitting Liquid in Natural Convection Boundary Layer Flow (TN) **HT 125**; A Theoretical and Experimental Study of Radiation-Convection Interaction in a Diffusion Flame **HT 212**

Nowacki, W. *(author)* Dynamic Problems of Thermoelasticity (BR) **AM 366**

Nozzles
Flashing Flow of Initially Subcooled Water in Convergent-Divergent Nozzles (76-HT-12) **HT 263**; (Er) **HT 647**
A Three Dimensional Density Field Measurement of Transonic Flow From a Square Nozzle Using Holographic Interferometry **F 737**; (D) **F 743**; (AC) **F 744**

Nuckols, M. L. An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OCE-1) **BE 45**

Nuclear Fuel Elements
A Mathematical Model for Transient Subchannel Analysis of Rod Bundle in Nuclea4 Fuel Elements (D) (AC) **HT 347**

Nuclear Fusion Reactors
Experimental Study of Bubble Motion in Mercury With and Without a Magnetic Field **HT 404**

Nuclear Piping
Contributions of the ORNL Piping Program to Nuclear Piping Design Codes and Standards **PVT 224**

Nuclear Power Plant Components
The 1977 Edition of Section III, Nuclear Power Plant Components **PVT 498**

Nuclear Power Plants
Performance of a Spray Pond for Nuclear Power Plant Ultimate Heat Sink (75-WA/HT-41) **P 650**
Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) **P 399**; (D) **P 404**; (AC) **P 405**

Nuclear Reactors
Flow-Induced Bending of Rectangular Plates (77-APM-14) **AM 207**
Fracture Toughness Properties of SA540 Steels for Nuclear Bolting Applications **PVT 419**
Heavy Section Steel Plates for Reactor Pressure Vessels Produced by Basic Oxygen Process (76-PVP-56) **PVT 314**

Nuclear Steam System
Seismic Design Study on Cantilever Cylindrical Shells (77-PVP-14) **PVT 600**

Nuclear Water Reactors
Fatigue Crack Growth Characteristics of A533 Grade B Class I Plate in an Environment of High-Temperature Primary Grade Nuclear Reactor Water (76-PVP-3) **PVT 238**

Nuismer, R. J. On the Changing Order of Singularity at a Crack Tip (77-WA/APM-15) **AM 625**

Number Distributions
The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays—Part II: The Drop-Size/Number Distribution (76-WA/GT-10) **P 315**

Number of Transfer Units (NTU)
Thermal Performance Models and Drift Loss Predictions for a Spray Cooling System **HT 274**

Numerical Calculations
Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) **AM 264**

Numerical Computations
Numerical Computation of Flow in Rotating Ducts (D) **F 433, 434**; (AC) **F 434, 435**

Numerical Control
Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) **I 766**

Numerical Integration
An Improved Method for Numerical Integration of Constitutive Equations of the Work Hardening-Recovery Type (TB) **MT 275**

Numerical Inversion
The Numerical Inversion of Integral Transforms With Applications (BN) **AM 345**

Numerical Methods
A Numerical Method for the Dynamic Analysis of Mechanical Systems in Impact (76-DET-1) **I 665**
Review—Progress in Numerical Turbomachinery Analysis (D) **F 438**; (AC) **F 439**
Uncertainty of Numerical Methods (Ed) **F 2**

Numerical Modeling
Numerical Modeling of Unsteady, Separated Viscous Flow **F 657**

Numerical Predictions
The Numerical Prediction of the Turbulent Flow and Heat Transfer in the Entrance Region of a Parallel Plate Duct (D) **HT 347**; (AC) **HT 349**
Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) **HT 580**

Numerical Simulations
Numerical Simulation of Natural Convection in Closed Containers by a Fully Implicit Method **F 649**

Numerical Solution Methods
Accuracies of Numerical Solution Methods for the Elastic-Perfectly Plastic Model (77-PVP-1) **PVT 510**

Numerical Solutions
Quasi-Three-Dimensional Numerical Solution of Flow in Turbomachines (76-FE-23) **F 132**

Nunziato, J. W. Small-Amplitude Wave Behavior in One-Dimensional Granular Solids **AM 559**

Nusselt Numbers
Relationships Among Boundary Conditions and Nusselt Numbers for Thermally Developed Duct Flows (TN) **HT 483**

O

Oak Ridge National Laboratory (ORNL)
Contributions of the ORNL Piping Program to Nuclear Piping Design Codes and Standards **PVT 224**

Oakes, R. E. Strain Rate Effects on the Elevated-Temperature Tensile Behavior of a Bainitic 2 1/4 Cr-1 Mo Steel **MT 350**

Oba, F. Optimization of Cutting Conditions for Multi-Pass Operations Considering Probabilistic Nature in Machining Processes (76-WA/Prod-4) **I 210**

Oberacker, D. A. Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (76-WA/CD-1) **P 449**; (D) **P 455**; (AC) **P 458**

Oblique-Plate Impact
Pressure-Shear Waves in 6061-T6 Aluminum Due to Oblique-Plate-Impact **AM 85**

O'Brien, V. Forced Convection Within Straight Noncircular Ducts (TN) **HT 485**; Steady and Unsteady Flow in Noncircular Straight Ducts **AM 1**

Observer Theory
Design of a Hardware Observer for Active Machine Tool Control **DS 227**

O'Callaghan, P. W. Thermal Contact Conductance Correlation for Stacks of Thin Layers in High Vacuums (TN) **HT 139**

Ocvirk's Approximation
Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (76-Lub-32) **L 331**; (D) (AC) **L 338**

Odell, E. I. Numerical Solution of a Deep-Drawing Problem (76-WA/Prod-3) **I 206**

Odgers, J. The Pulsed Thermocouple for Gas Turbine Application (76-GT-1) **P 1**

O'Donnell, W. J. Fatigue Design Criteria for Pressure Vessel Alloys (77-PVP-12) **PVT 584**; Limit Design of Perforated Cylindrical Shells per ASME Code **PVT 646**; Plastic Strain Concentrations in Ligaments (76-PVP-32) **PVT 328**

Oguchi, H. Local Nonsimilar Solutions for Subliming Particle-Vapor Boundary-Layer Flow (TN) **HT 342**

Oh, K. P. A Theoretical Analysis of a Compliant Shell Air Bearing (76-Lub-5) **L 75**

Ohmae, N. Wear Mechanism of Unidirectionally Oriented Fiber-Reinforced Plastics **L 401**

Ohtsubo, H. Flexibility and Stress Factors of Pipe Bends—An Analysis by the Finite Ring Method (76-PVP-40) **PVT 281**

Oil
Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) **L 152**; (D) **L 156**; (AC) **L 157**

Oil Conservation
Oil Conservation in Home Heating (76-WA/Fu-8) **P 413**; (D) (AC) **P 417**

Oil Fields
The Estimation of Aquifer Properties from Reservoir Performance in Water-Drive Fields (76-Pet-49) **PVT 345**

Oil Film Coefficients
Identification of Journal Bearing Characteristics **DS 167**

Oil Films
Optical Measurement of Oil Film Thickness Between Rollers (76-Lub-10) **L 290**; (D) (AC) **L 294**

Oil-Fired Heating Systems
Improvement of Seasonal Efficiency of Residential Heating Systems (76-WA/Fu-7) **P 329**; (D) **P 333, 334**; (AC) **P 334**

Oil Sources
The Deflection of an Ice Sheet by a Submerged Gas Source **AM 279**

Oil Supply
Bearing Oil Delivery by Disk-Scraper Means (76-Lub-2) **L 174**; (D) (AC) **L 178**

Oilfield Drill Strings
Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) **PVT 367**

Okabayashi, K. Elevated Temperature Elastic-Plastic-Creep Test of an Elbow Subjected to In-Plane Moment Loading (76-PVP-64) **PVT 291**

Okiishi, T. H. Measurement of the Three-Dimensional Flow Field Behind an Axial Compressor Stage (D) **P 179**; (AC) **P 180**

On-Off Vehicle Suspension
A Pneumatic On-Off Vehicle Suspension System **DS 130**

Onaran, K. *(author)* Creep and Relaxation of Nonlinear Viscoelastic Materials with an Introduction to Linear Viscoelasticity (BR) **AM 364**

One-Dimensional Distributed Systems
System Properties of One-Dimensional Distributed Systems **DS 85**

One-Dimensional Heat Transfer
Analysis of Early-Time Transient Heat Conduction by Method of Characteristics **HT 35**

Oosthuizen, P. H. An Experimental Study of Heat Transfer to Developing Water Film Flow Over Cylinders (TN) **HT 152**

Open-End Spinning
The Effects of Fiber Properties and Preparation on Trash Removal and Properties of Open-End Cotton Yarns (76-Tex-7) **I 71**

Optical Correlation
A Dynamic Optical Correlation Technique for Fatigue Failure Prediction **MT 229**
Fatigue Damage Detection in 2024-T3 Aluminum, Titanium, and Low Carbon Steel by Optical Correlation **MT 319**

Optical Measurements
Optical Measurement of Oil Film Thickness Between Rollers (76-Lub-10) **L 290**; (D) (AC) **L 294**

Optical Metrology
Engineering Metrology (BR) **L 304**

Optical Scanning System
Comparative Analysis of Trash Contamination in Cotton by Optical Scanning (76-Tex-1) **I 46**

Optimal Arches
On Optimal Arch Design (76-DE-D) **I 37**

Optimal Beam Layouts
Optimal Beam Layouts: The Free Edge Paradox **AM 693**

Optimal Control
Optimal Control of a Partially Time Lagged River Aeration System Subject to Random Disturbances **DS 193**

Optimal Control Laws
On Optimal Control Laws for a Class of Constrained Dynamical Systems (With Application to Control of Bipedal Locomotion) **DS 98**

Optimal Design
The Generalized Reduced Gradient Method: A Reliable Tool for Optimal Design (76-DE-E) **I 394**
Optimum Design of a Complex Planar Mechanism (76-DET-47) **I 539**

Optimal Structural Design
Natural Structural Shapes of Shallow Arches (77-APM-31) **AM 291**
Optimal Structural Design of Flexural Systems: Beams,

Grillages, Slabs, Plates, and Shells (BR) **AM 516**

Optimal Tolerance Selection
A Method for Optimal Tolerance Selection (76-WA/DE-23) **I 558**

Optimal Wearpath Principle
The Optimal Wearpath Principle (76-Lub-28) **L 236**; (D) **L 244, 245**; (AC) **L 245**

Optimization
Application of a New Penalty Function Method to Design Optimization (76-DE-C) **I 31**
Optimization of Helium Refrigerators for Superconducting Power Transmission Lines in Terms of Cost and Reliability (76-WA/PID-16) **I 551**

Optimization Techniques
A Dependable Method for Solving Matrix Loop Equations for the General Three-Dimensional Mechanism (76-DET 53) **I 547**

Optimum Concentration Ratios
Optimum Concentration Ratio for a Solar Central-Receiver Electric Power Plant (TB) **P 490**

Optimum Performance Bearings
A Contribution to the Problem of Designing Optimum Performance Bearings **L 462**

Optimum Structural Error
Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) **I 124**

Order Problems
Graphical Solution of the Branch and Order Problems of Linkage Synthesis for Multiply Separated Positions (76-DET-16) **I 591**

Organized Fluctuations
Organized Fluctuations Due to Flow Past a Square Cross Section Cylinder (76-WA/FE-2) **F 511**

Orientation
Drag on a Group of Cylinders (76-Pet-42) **PVT 152**

Orienting Systems
Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 1: Non-Vibratory Feeding Systems (76-WA/Prod-38) **I 302**; Part 2: Vibratory-Bowl Feeding Systems (76-WA/Prod-39) **I 308**
Natural Resting Aspects of Parts for Automatic Handling (76-WA/Prod-40) **I 314**

Orifice Cavitation
Orifice Cavitation and Its Effect on Spray Mixing (D) **F 426**; (AC) **F 427**

Orifice Plates
Calculated Orifice Plate Discharge Coefficients at Low Reynolds Numbers (TB) **F 424**; (D) (AC) **F 425**

Orifices
An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) **P 343**

Orlandea, N. A Sparsity-Oriented Approach to the Dynamic Analysis and Design of Mechanical Systems—Part 1 (76-DET-19) **I 773**; A Sparsity-Oriented Approach to the Dynamic Analysis and Design of Mechanical Systems—Part 2 (76-DET-20) **I 780**

Orne, D. In-Vivo Bone Strain Telemetry in Monkeys *(M. Nemestrina)* **BE 104**; Prediction of Bending Strength of Long Bones From Measurements of Bending Stiffness and Bone Mineral Content **BE 40**

Orthogonal Cutting
Matrix Representation and Prediction of Three-Dimensional Cutting Forces **I 828**

Orthogonality Relations
Orthogonality Relations for "End Problem" for Orthotropic Cylinders (BN) **AM 784**

Orthotropic Bodies
Plane Thermoelastic Problem in a Multiply Connected Orthotropic Body **AM 431**

Orthotropic Cylinders
Orthogonality Relations for "End Problem" for Orthotropic Cylinders (BN) **AM 784**

Orthotropic Strips
The Problem of Internal and Edge Cracks in an Orthotropic Strip **AM 237**

Orthotropy
Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) **PVT 454**

Ortloff, J. E. An Articulated Multiline Production Riser for Deepwater Application (76-Pet-44) **PVT 158**; Design, Fabrication, and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) **PVT 164**

Osborne, C. A Centrifugal Compressor Flow Analysis Employing a Jet-Wake Passage Flow Model (76-FE-21) **F 141**

Oscillating Airfoil Cascades
An Experimental Determination of the Unsteady Aerodynamics in a Controlled Oscillating Cascade (76-GT-17) **P 88**

Oscillating Cutting Process
Experimental Investigation of the Characteristics of Dynamic Cutting Process (76-Prod-A) **I 410**

Oscillating Turbulent Flow
Oscillating Turbulent Flow in a Conical Diffuser (D) **F 790**; (AC) **F 791**

Oscillation Frequencies
Prediction of Oscillation Frequencies for Unstable Flow Past Cavities (76-WA/FE-17) **F 294**; (D) **F 299**; (AC) **F 300**

Oscillations
Increased Turbulent Jet Mixing Rates Obtained by Self-Excited Acoustic Oscillations (77-FE-18) **F 520**

Oscillators
Response of Three Oscillators Coupled by a Weak Nonlinearity (77-APM-5) **AM 141**

Oscillatory Flow
Steady and Unsteady Flow in Noncircular Straight Ducts **AM 1**

Osman, M. O. M. On the Design of Bolted Connections With Gaskets Subjected to Fatigue Loading (76-DET-57) **I 388**; (D) (AC) **I 393**; Stochastic Characterization of Macro- and Microerrors of Journal Bearing Roundness (76-DET-51) **I 327**; (D) **I 334**; (AC) **I 335**; Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) **I 124**

Osmotic Flow Conditions
The Concentration Polarization Effect in Frozen Erythrocytes **BE 65**

Ostwald, P. F. A Method for Optimal Tolerance Selection (76-WA/DE-23) **I 558**

Ota, T. Heat Transfer in an Axisymmetric Separated and Reattached Flow Over a Longitudinal Blunt Circular Cylinder (TN) **HT 155**

Outer-Race Contact
Performance of 75-Millimeter Bore Arched Outer-Race Ball Bearings (76-Lub-18) **L 346**; (D) **L 352**; (AC) **L 353**

Out-of-Phase Loading
Low-Cycle Fatigue Under Out-of-Phase Loading Conditions **MT 222**

Outside Surface Temperatures
Circumferential Variations of Bore Heat Flux and Outside Surface Temperature for a Solar Collector Tube **HT 360**

Overload Effects
Overload Effects on Fatigue Damage of Wire-Rope Pendants (TB) **MT 277**

Overpressure Protection Equipment
Analysis of Overpressure Conditions in an Isolated Piping Section (76-PVP-8) **PVT 253**

Owczarek, J. A. Crack Propagation and Arrest in Pressurized Containers (76-PVP-12) **PVT 90**

Oxygen Processes
Heavy Section Steel Plates for Reactor Pressure Vessels Produced by Basic Oxygen Process (76-PVP-56) **PVT 314**

Oyler, J. F. Maximizing the Efficiency of Your Bucket Wheel Reclaimer **I 875**

Ozgoren, M. K. Optimal Control of a Partially Time Lagged River Aeration System Subject to Random Disturbances **DS 193**

Ozişik, M. N. A Solution of Freezing of Liquids of Low Prandtl Number in Turbulent Flow Between Parallel Plates **HT 20**

P

Package Cushioning
Dynamic Model of Expanded Polyethylene for Package Cushion Applications (TB) **MT 278**

Packed-Bed Thermal Storage
Analytical Solutions for Single- and Two-Phase Models of Packed-Bed Thermal Storage Systems (TN) **HT 489**

Packman, P. F. On the Improvement of Deconvolution With Digitized Data Using a Runge-Kutta Integration Scheme **DS 190**

Padgaonkar, A. J. A Three-Dimensional Mathematical Simulation of Pedestrian-Vehicle Impact With Experimental Verification (76-WA/Bio-1) **BE 116**

Padovan, J. Traveling Loads on Viscoelastic Plates on Nonlinear Foundations **AM 677**

Paek, U. C. Thermal Analysis of Capacitor Discharge Welding and Its Correlation With Observed Stress Wave Emission (SWE) **MT 379**

Pahler, R. H., Jr. Design of a Fiber Optic Pressure Transducer (75-WA/DE-8) **I 274**; (D) **I 279**; (AC) **I 280**

Pai, D. H. Inelastic Behavior of Finite Circular Cylindrical Shells (76-PVP-42) **PVT 31**

Paidoussis, M. P. Dynamics of Heat Exchanger Tube Banks (D) **F 467**; (AC) **F 468**; Flutter of Articulated Pipes at Finite Amplitude (D) **AM 792**; (AC) **AM 793**; Stability of a Cluster of Flexible Cylinders in Bounded Axial Flow (77-APM-34) **AM 401**

Pair Geometry Constraints
Synthesis of a Six-Link Spatial Mechanism via Screw Triangle Geometry, Successive Screw Displacements, and Pair Geometry Constraints (76-DET-46) **I 532**

Pal, M. K. Linear Bending of an Orthotropic Rectangular Sandwich Plate (TB) **I 913**

Palmer, M. E. The Transient Motion of a Cylindrical Shell of Arbitrary Cross Section in an Acoustic Medium (77-APM-33) **AM 482**

Palmer, R. S. J. Mechanical Efficiency of a Variable-Speed, Fixed-Center, V-Belt Drive (TB) **I 806**

Palmgren-Miner Hypothesis
Fatigue Under Wide Band Random Stresses Using the Rain-Flow Method **MT 205**

Paluszny, A. Probabilistic Aspects of Designing With Ceramics (77-GT-41) **P 617**

Pamidi, P. R. Existence Criteria of Two-Loop Six-Link R-R-C-C-R-C-C Spatial Mechanism (76-DET-38) **I 630**

Pan, K. C. A Numerical Method for the Dynamic Analysis of Mechanical Systems in Impact (76-DET-1) **I 665**

Pandey, P. C. Rigidity Analysis and Optimization of Warren Beams in Torsion (76-WA/Prod-32) **I 269**

Pandit, S. M. A New Approach to the Analysis of Machine-Tool System Stability Under Working Conditions (76-WA/Prod-11) **I 585**; Stiffness of Machine Tool Joints: A Random Process Approach (D) (AC) **I 918**; Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-WA/Prod-9) **I 218**; Stochastic Linearization by Data Dependent Systems **DS 221**

Papailiou, K. Secondary Flows in Compressor Bladings (76-GT-57) **P 211**

Parabolic Equations
Singular Parabolic Partial-Differential Equations That Arise in Impulsive Motion Problems **AM 396**

Parabolic Hybrid
A Hybrid Marching Integration Procedure for the Prediction of Two-Dimensional Supersonic Boundary Layers **F 205**

Parabolic Thickness
Loss Factor for a Rectangular Plate of Parabolic Thickness Variation **I 799**

Parabolic Trough Collectors
Experimental Evaluation of a Cylindrical Parabolic Solar Collector (76-WA/HT-13) **HT 163**

Parabolic Wave Theory
A Parabolic Theory of Stress Wave Propagation Through Inhomogeneous Linearly Elastic Solids **AM 462**

Paradis, M. A. Film Cooling of Gas Turbine Blades: A Study of the Effect of Large Temperature Differences on Film Cooling Effectiveness (76-GT-2) **P 11**

Parallel Compressor Model
Multiple Segment Parallel Compressor Model for Circumferential Flow Distortion **P 288**

Parallel Plate Ducts
The Numerical Prediction of the Turbulent Flow and Heat Transfer in the Entrance Region of a Parallel Plate Duct (D) **HT 347**; (AC) **HT 349**;(D) **HT 693**; (AC) **HT 694**

Parallel Plates
A Solution of Freezing of Liquids of Low Prandtl Number in Turbulent Flow Between Parallel Plates **HT 20**

Parallelepiped Enclosures
A Mathematical Solution for Gas-to-Surface Radiative Exchange Area for a Rectangular Parallelepiped Enclosure Containing a Gray Medium **HT 203**

Parallelograms
Heat Conduction in a Stack of Parallelograms Separated by Thin Partition Walls (TN) **HT 127**

Parameter Identification
State Estimation and Parameter Identification of Freely Spinning Flexible Spacecraft **DS 51**

Parameter Optimization
Parameter Optimization for Linear Quadratic Differential Games **DS 58**
Parametric Excitations
Dynamic Response of Elastic Rods Under Parametric Excitations (76-DE-G) **I 41**
Response of a Nonlinear System Under Combined Parametric and Forcing Excitation (BN) **AM 179**
Parametric Vibrations
Dynamic Stability of a Two-Stage Gear Train Under the Influence of Variable Meshing Stiffnesses **I 785**
Paraplegic Patients
Compliance of the Human Ankle Joint (77-WA/Bio-2) **BE 166**
Paris, P. C. *(reviewer)* Linear Fracture Mechanics (BR) **AM 367**
Park, R. H. Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (D) **P 404**. (AC) **P 405**
Parker, G. A. A Planar Fluidic Flowmeter Applicable to Respiratory Flows (77-WA/Flcs-1) **DS 293**
Parks, V. J. *(editor)* Progress in Experimental Mechanics (BR) **AM 189**
Pars Plana
Instrument Design for Vitreous Surgery via the Pars Plana (77-WA/Bio-1) **BE 209**
Partial Differential Equations
Fully Implicit Algorithms for Solving Partial Differential Equations (TB) **F 781**
Singular Parabolic Partial-Differential Equations That Arise in Impulsive Motion Problems **AM 396**
Particle Erosion Measurements
Particle Erosion Measurements on Metals (76-WA/Mat-1) **MT 121**
Particle Measurement System (PMS)
Comparative Analysis of Trash Contamination in Cotton by Optical Scanning (76-Tex-1) **I 46**
Particle Size Analysis
Particle Size Analysis of Cotton Dust Using Scanning Electron Microscopy (76-Tex-3) **I 56**
Particle-Source-In Cell Model
The Particle-Source-In Cell (PSI-CELL) Model for Gas-Droplet Flows **F 325**
Particle Velocity
Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) **MT 147**
Particulate Beds
Dryout Heat Fluxes for Inductively Heated Particulate Beds (75-WA/HT-19) **HT 250**
Particulate Emissions
Particulate Emissions from Residual Fuel Fired Boilers. Influence of Combustion Modification (76-WA/APC-3) **P 371**
Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) **P 320**
Particulate Suspensions
On Wave Propagation in Particulate Suspensions (BN) **AM 354**
Partitioning
Application of Stairrange Partitioning to the Prediction of Creep-Fatigue Lives of AISI Types 304 and 316 Stainless Steel (76-PVP-26) **PVT 264**
Part-Through Cracks
Growth Characteristics of Part-Through Cracks in Thick-Walled Plates and Tubes (76-PVP-39) **PVT 106**
Passenger Car Suspensions
Influence of Axle Load, Track Gage, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) **I 186**
Passenger Comfort
Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) **I 841**
Passive Coupling
Existence Criteria of Two-Loop Six-Link R-R-C-C-R-C-C Spatial Mechanism (76-DET-38) **I 630**
Passive Suspension Design
Passive Suspension Design for a Magnetically Levitated Vehicle **DS 277**
Passivity
System Properties of One-Dimensional Distributed Systems **DS 85**
Pasternak-Type Foundations
Large Deflection of a Rectangular Plate Resting on a Pasternak-Type Elastic Foundation (BN) **AM 509**
Patankar, S. V. Analysis of Melting in the Presence of Natural Convection in the Melt Region **HT 520**. Fully Developed Flow and Heat Transfer in Ducts Having Streamwise-Periodic Variations of Cross-Sectional Area **HT 180**. Heat Transfer and Fluid Flow Analysis of Interrupted-Wall Channels, With Application to Heat Exchangers **HT 4**. Prediction of the Three-Dimensional Velocity Field of a Deflected Turbulent Jet **F 758**. Relationships Among Boundary Conditions and Nusselt Numbers for Thermally Developed Duct Flows (TN) **HT 483**
Patel, M. R. An Analysis for Plane Strain Plastic Deformation in Metal-Working Process (76-WA/Prod-16) **I 727**
Patel, V. C. Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) **F 470**. A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) **F 486**. (D) (AC) **F 494**
Path Generation
Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) **I 116**
Pathological Tissues
On the Natural Lubrication of Synovial Joints. Normal and Degenerate (76-Lub-1) **L 163**. (D) **L 172, 173**. (AC) **L 173**
Patterson, I. Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) **MT 147**
Paul, G. Effects of Load, Speed, and Surface Roughness on Sliding EHD Contact Temperatures (D) **L 261**. (AC) **L 262**
Pavement Structures
Thermal Design of Pavement Structures in Seasonal Frost Areas **HT 533**
Pavlin, V. Elastostatics of Cubic Boxes Subjected to Pressure (77-PVP-9) **PVT 568**
Peach, M. O. Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) **AM 305**
Pedersen, C. O. On the Feasibility of Obtaining Three-Dimensional Information From Thermographic Measurements **BE 58**
Pedersen, D. R. Film Cooling With Large Density Differences Between the Mainstream and the Secondary Fluid Measured by the Heat-Mass Transfer Analogy **HT 620**
Pederson, R. J. Heat Transfer from a Cylinder in Cross-flow Situated ina Turbulent Pipe Flow **HT 425**
Pedestrian-Vehicle Impact
A Three-Dimensional Mathematical Simulation of Pedestrian-Vehicle Impact With Experimental Verification (76-WA/Bio-1) **BE 116**
Pedley, T. J. Measurements of Velocity Wave Forms in the Dog Aorta (D) **F 262**. (AC) **F 263**
Penalty Function Method
Application of a New Penalty Function Method to Design Optimization (76-DE-C) **I 31**
Pendulous Supports
Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) **AM 322**
Pendulums
Dynamics of a Freely Swinging Compound Pendulum (TB) **I 911**
Penetration Patterns
Limit Design of Perforated Cylindrical Shells per ASME Code **PVT 646**
Penzien, J. *(author)* Dynamics of Structures (BR) **AM 366**
Pepper, D. W. Fully Implicit Algorithms for Solving Partial Differential Equations (TB) **F 781**. Numerical Simulation of Natural Convection in Closed Containers by a Fully Implicit Method **F 649**
Perforated Materials
Plastic Strain Concentrations in Ligaments (76-PVP-32) **PVT 328**
Perforated Plates
Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) **P 365**
Performance Standards
Performance Standards in Dynamics **DS 118**
Periodic Loadings
Dynamic Life Estimation for Track Surfaces under Periodic Loadings and Nonuniform Backup Supports (D) **L 307**. (AC) **L 308**
Periodic Motions
Periodic Motion of Vehicles on Flexible Guideways **DS 268**
Periodically Spaced Holes
Surface Integral Method Applied to the Problems of an Elastic Strip With Periodically Spaced Holes (D) **AM 362**. (AC) **AM 363**
Peripheral Compressors
A Regenerative Compressor (76-WA/PID-22) **I 637**
Perkash, I. A Motion Transducer for Use in the Intact In-Vitro Human Lumbar Spine **BE 160**
Permafrost
Loading Mechanisms in Thawed Permafrost Around Arctic Wells (77-Pet-22) **PVT 641**
Permafrost Thaw Subsidence
A Mechanical Model for Permafrost Thaw Subsidence (76-Pet-54) **PVT 183**
Permeability
The Influence of Drying and Stress on the Permeability of Texas Lignite (77-Pet-26) **PVT 634**
Permeable Earth Formation
Gas Flow in a Permeable Earth Formation Containing a Crack **AM 553**
Permeable Rock
High-Pressure Jet-Drilling Experiments in Some Hard Rocks (76-Pet-50) **PVT 353**
Permeation Properties
Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) **PVT 187**
Permian Sandstones
Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) **PVT 187**
Perry, J. L. Low Level Charpy Impact Response of Graphite/Epoxy Hybrid Composites **MT 257**
Personal Rapid Transit
Vehicle-Follower Control With Variable-Gains for Short Headway Automated Guideway Transit Systems **DS 183**
Perturbation Analysis
Removal of an Anomaly in the Perturbation Analysis of a Flexible Plate Sealing an Incompressible Liquid (BN) **AM 498**
Perturbation Problems
On Asymptotic Approximations to a Class of Regular Perturbation Problems **L 369**
Perturbation Stability Analysis
Experimental Verification of Thermoelastic Instabilities in Sliding Contact (76-Lub-21) **L 359**. (D) **L 364**
Perturbation Theory
Singular Perturbation Theory for Melting or Freezing in Finite Domains Initially Not at the Fusion Temperature **AM 25**
Peters, D. A. The Effect of Principal Bending Curvature on the Lateral Buckling of Uniform Slender Beams (77-APM-22) **AM 311**
Petersen, K. R. Prediction of Bending Strength of Long Bones From Measurements of Bending Stiffness and Bone Mineral Content **BE 40**
Peterson, F. B. Orifice Cavitation and Its Effect on Spray Mixing (D) **F 426**. (AC) **F 427**
Pfaffenberger, E. E. A Systems Approach to Determining Actual Misalignment and Load Distribution for Cylindrical Roller Bearings in Commercial Gear Trains (76-LubS-15) **L 41**. (D) **L 46–48**. (AC) **L 49**
Pfannebecker, G. W. An Experimental Investigation of the Control of Surge in Radial Compressors Using Close Coupled Resistances **F 64**. (D) **F 74**. (AC) **F 75**
Pfund, P. A. A Survey of Fluid Mechanics Education of Mechanical Engineers (D) **F 786**. (AC) **F 787**
Phadke, M. S. Investigation of Spiking in Electron Beam Welding Using Stationary Stochastic Models (76-WA/Prod-10) **I 323**
Phase-Lock Averaging Process
A New Approach to the Experimental Study of Turbomachinery Flow Phenomena (76-GT-47) **P 97**
Phase Relationships
A Note on the Phase Relationships Involved in the Whirling Instability in Tube Arrays **F 727**. (D) **F 730**. (AC) **F 731**
Phelan, R. M. *(author)* Automatic Control Systems (BR) **DS 219**
Phillippi, R. M. Fluidic Thermistors or Fluidic Temperature Sensing With Capillaries (76-WA/TM-1) **P 406**. (D) (AC) **P 411**
Phillips, J. W. Axial Impact of Twisted Wire Cables (77-APM-2) **AM 127**. Pulse Propagation in Fluid-Filled Tubes (77-APM-7) **AM 31**
Phillips, W. M. Dynamic Model of a Sac-Type Pneumatically Driven Artificial Ventricle **BE 14**
Physical Systems
Response of Three Oscillators Coupled by a Weak Nonlin-

earity (77-APM-5) **AM 141**

Physics Inequalities
Inequalities in Mechanics and Physics (BR) **AM 364**

Piecewise Continuous Cosine Model
A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) **P 441**

Piekarski, K. Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) **AM 218**

Pierce, W. S. Analysis of an Artificial Ventricle and Mock Circulatory System **BE 184**

Piercing Processes
On the Solution of Three-Dimensional Metal-Forming Processes (76-WA/Prod-17) **I 624**
Upper Bound of Deep Indentation (TB) **I 804**

Piezoelectric Crystal Plates
Response of Three Oscillators Coupled by a Weak Nonlinearity (77-APM-5) **AM 141**

Piezoelectric Transducers
Static and Dynamic Stress Intensity Factors by the Method of Transmitted Caustics **MT 105**

Pigott, R. Forced Vibration of Tube Support Plates in Power Plant Condensers, With Friction Damping (76-Pwr-A) **P 106**

Pilkey, W. & B. *(editors)* Shock and Vibration Computer Programs, Reviews and Summaries (BR) **AM 367**

Pilot Plants
Materials Consideration for the BIGAS Coal Gasification Pilot Plant (76-PVP-41) **PVT 322**

Pipe Bends
Flexibility and Stress Factors of Pipe Bends—An Analysis by the Finite Ring Method (76-PVP-40) **PVT 281**

Pipe Elbows
Elevated Temperature Elastic-Plastic-Creep Test of an Elbow Subjected to In-Plane Moment Loading (76-PVP-64) **PVT 291**

Pipe Flow
Heat Transfer from a Cylinder in Crossflow Situated in a Turbulent Pipe Flow **HT 425**
Response of a Turbulent Pipe Flow to a Change in Roughness (77-FE-3) **F 548**, (D) **F 553, 554**, (AC) **F 554**

Pipe Laying
A Note on the Bending of Rods to a Specified Shape (76-WA/OcE-2) **I 456**
Submarine Pipeline Analysis With an Elastic Foundation by the Finite Element Method (76-WA/OcE-5) **I 480**

Pipe Pressures
Fracture in Straight Pipes Under Large Deflection Conditions—Part II: Pipe Pressures (76-PVP-14) **PVT 128**

Pipelines
Steady-State Crack Propagation in Pressurized Pipelines (76-PVP-7) **PVT 112**

Pipelining
Capsule-Pipelining—An Improved Theoretical Analysis **F 763**

Pipes
Conditions for a Pipe to Run Full When Discharging Liquid Into a Space Filled With Gas **F 405**
Dynamic Plastic Response of an Immersed Pipe (77-PVP-8) **PVT 563**
The Effect of Cooling Rate on the Formation of Dendritic Ice in a Pipe With No Main Flow **HT 419**
An Experimental Study of Choked Flow in Short Pipes With Low Air Water Mass Fractions (TB) **F 421**
The Flexibility of Curved Pipes in Creep (76-WA/PVP-4) **PVT 444**
Flutter of Articulated Pipes at Finite Amplitude (77-APM-9) **AM 154**, (D) **AM 792**, (AC) **AM 793**
Fracture in Straight Pipes Under Large Deflection Conditions—Part I: Structural Deformations (76-PVP-9) **PVT 122**; Part II: Pipe Pressures (76-PVP-14) **PVT 128**

Piping
Characterization of Fracture in Vessels and Piping (76-WA/PVP-2) **PVT 144**

Piping Programs
Contributions of the ORNL Piping Program to Nuclear Piping Design Codes and Standards **PVT 224**

Piping Systems
Analysis of Overpressure Conditions in an Isolated Piping Section (76-PVP-8) **PVT 253**

Pipkin, A. C. *(reviewer)* Mechanics of Continuous Media (BR) **AM 801**

Pistons
Optimum Step Design for Centering of Pistons Moving in an Incompressible Fluid (77-FE-30) **F 675**
An Optimum Stepped Piston for Cylinders Working With Compressible Fluid (D) (AC) **F 427**

Pitts, D. R. Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) **HT 392**

Pitts, J. H. Gas Flow in a Permeable Earth Formation Containing a Crack **AM 553**

Pittsburgh Coal
The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) **PVT 192**

Pivot Pads
Effect of Gas Bubbles on Behavior of Isothermal Michell Bearings **L 354**

Pizialli, R. L. A Motion Transducer for Use in the Intact In-Vitro Human Lumbar Spine **BE 160**

Plain Carbon Steel
X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) **MT 110**

Planar Jets
Effect of Molecular Gas Radiation on a Planar, Two-Dimensional, Turbulent-Jet-Diffusion Flame (76-HT-54) **HT 221**

Planar Linkages
Gross Motion Analysis of Planar Linkages With Application to a Geared Five-Bar (76-DET-31) **I 674**
KINSYN III: A New Human-Engineered System for Interactive Computer-Aided Design of Planar Linkages (76-DET-48) **I 440**
Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) **I 124**

Planar Mechanical Systems
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (D) (AC) **I 918**

Planar Mechanisms
Design and Analysis of Multilink Flexible Mechanisms With Multiple Clearance Connections (76-DET-9) **I 88**
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) **I 131**
Mixed Exact-Approximate Planar Mechanism Position Synthesis (76-DET-29) **I 434**
Optimum Design of a Complex Planar Mechanism (76-DET-47) **I 539**
Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) **I 116**
Synthesis of Spring Parameters to Balance General Forcing Functions in Planar Mechanisms (76-DET-45) **I 347**; (D) (AC) **I 352**
Synthesis of Spring Parameters to Satisfy Specified Energy Levels in Planar Mechanisms (76-DET-44) **I 341**

Planar Motion
On the Elastokinematics of the Involute Gear Pair (76-DET-34) **I 648**

Planar Thermic Elements
Planar Thermic Elements for Thermal Control Systems **DS 41**

Plane Elastostatic Problems
The Problem of Internal and Edge Cracks in an Orthotropic Strip **AM 237**

Plane Laminar Jets
Linear Stability of Jet Flows (77-WA/APM-10) **AM 378**

Plane Motion
Flutter of Articulated Pipes at Finite Amplitude (77-APM-9) **AM 154**

Plane Strain
An Analysis for Plane Strain Plastic Deformation in Metal-Working Process (76-WA/Prod-16) **I 727**
The Contact Problem for a Rigid Cylinder Pressed Between Two Elastic Layers (76-APM-QQ) **AM 36**
Enhancement of Fatigue Crack Growth and Fracture Resistance in Ti-6Al-4V and Ti-6Al-6V-2Sn Through Microstructural Modification **MT 313**
Plane Strain Deformation Processing Limits in Unidirectionally Reinforced Composites (TB) **MT 94**

Plane-Strain Compression
On the Influence of Hardening and Anisotropy on the Plane-Strain Compression of Thin Metal Strip **AM 271**

Plane-Strain Extrusion
Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) **I 754**

Plane Strain Indentation
On Wedge Indentation and Its Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) **I 702**

Plane Strain Sectors
Thermal Stresses Induced into Two Plane Strain Sectors Having Different Material Properties (76-PVP-36) **PVT 26**

Plane Stress Fields
Plane Stress Fields Induced by Moving Heat Sources in Butt-Welding **AM 231**

Plane Symmetric Contact
The Plane Symmetric Contact Problem for Dissimilar Elastic Semi-Infinite Strips of Different Widths (77-WA/APM-13) **AM 604**

Plane Thermoelastic Problems
Plane Thermoelastic Problem in a Multiply Connected Orthotropic Body **AM 431**

Plane Turbine Cascade
Three-Dimensional Flow Within a Turbine Cascade Passage (76-GT-50) **P 21**

Plane Walls
The Virtual Mass of a Sphere Moving Toward a Plane Wall (BN) **AM 166**

Plant Auxiliary Systems
Power System Economics: An Evaluation of Plant Auxiliary System Incremental Kilowatt Consumption (76-WA/Pwr-2) **P 419**, (D) (AC) **P 424**

Plant Heat Rates
Factors Affecting the Design of Turbine-Condenser Connections (76-JPGC-Pwr-3) **P 429**

Plastic Buckling
Prediction of Torsional Strength of Tubes **P 476**

Plastic Cold Flow
The Use of Plastic Cold Flow in the Development of an Externally Connected Transducer for Recording Pressure-Time Histories of Diesel Fuel Injection Phenomena and Its Application in Fault Diagnosis (76-DGP-3) **P 274**

Plastic Contact Length
Determination of Plastic Contact Length Between Chip and Tool in Machining (TB) **I 802**

Plastic Deformation
An Analysis for Plane Strain Plastic Deformation in Metal-Working Process (76-WA/Prod-16) **I 727**
Dynamic Plastic Response of an Immersed Pipe (77-PVP-8) **PVT 563**
On Wedge Indentation and Its Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) **I 702**

Plastic Dynamic Expansion
On the Dynamic Expansion of a Circular Hole in a Infinite Plate (77-WA/APM-21) **AM 577**

Plastic Flow
On the Calculation of Seizure Considering the Plastic Flow of the Surficial Layers (Er) **L 142**

Plastic Incompressibility
Continuum Theory of Ductile Rupture by Void Nucleation and Growth: Part I—Yield Criteria and Flow Rules for Porous Ductile Media (76-Mat-CC) **MT 2**

Plastic Layers
On the Calculation of Seizure Considering the Plastic Flow of the Surficial Layers (Er) **L 142**

Plastic Plates
Dynamic Response of Infinitely Extended Plastic Plates (BN) **AM 175**

Plastic Strain
Blunting of a Plane Strain Crack Tip Into a Shape With Vertices **MT 290**
The Effect of Plastic Strain Followed by Aging on the Elastic Limit of Quenched and Tempered and Austempered 4340 Steel (TB) **MT 393**

Plastic Strain Concentrations
Plastic Strain Concentrations in Ligaments (76-PVP-32) **PVT 328**

Plastic Wave Speeds
Plastic Wave Speeds in Isotropically Work-Hardening Materials (77-APM-13) **AM 68**

Plasticity
Constitutive Equations in Plasticity (BR) **AM 801**
Implicit and Explicit Computational Schemes in Dynamic Plasticity (76-PVP-B) **PVT 394**

Plastics
Wear Mechanism of Unidirectionally Oriented Fiber-Reinforced Plastics **L 401**

Plate Buckling
Plate Buckling Due to Follower Edge Forces (BN) **AM 768**

Plate-Cylinder Intersection
Three-Dimensional Analysis of an Elastic Plate-Cylinder Intersection by the Boundary-Point-Least-Squares

Technique (76-PVP-34) **PVT 17**

Plate Deformation
A High-Order Theory of Plate Deformation—Part 1: Homogeneous Plates (77-WA/APM-23) **AM 663**; Part 2: Laminated Plates (77-WA/APM-24) **AM 669**

Plate-Fin Geometry
Effects of Nonuniform Passages on Deepfold Heat Exchanger Performance (76-WA/HT-32) **P 657**

Plate Sealing
Removal of an Anomaly in the Perturbation Analysis of a Flexible Plate Sealing an Incompressible Liquid (BN) **AM 498**

Plate Thickness
Effect of Thickness on the Stresses in a Plate With an Elliptic Hole (76-DE-F) **I 401**

Plates
On the Dynamic Expansion of a Circular Hole in an Infinite Plate (77-WA/APM-21) **AM 577**
Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) **AM 309**
Effect of Axial Force on Dynamic Fracture of a Beam or Plate in Pure Bending (77-WA/APM-22) **AM 647**
Effect of J on Creep and Relaxation in a Plate With a Central Hole (76-Mat-GG) **MT 76**
Efficient CO Finite-Element Solution of Simply Supported Plates of Polygonal Shape (BN) **AM 347**
Experimental Solution of Flexed Plates by the Method of Caustics (77-APM-12) **AM 107**
An Experimental Study of Natural Convection Mass Transfer Along a Vertical Plate With Surface Injection (76-HT-14) **HT 446**
Finite Deflections of Unsymmetric Angle-Ply Anisotropic Rectangular Plate Under Edge Moments (BN) **AM 171**
Flow-Induced Bending of Rectangular Plates (77-APM-14) **AM 207**
Free-Stream Vorticity Disturbances Adjusting to the Presence of a Plate—A Quarter-Plane Problem **AM 529**
Growth Characteristics of Part-Through Cracks in Thick-Walled Plates and Tubes (76-PVP-39) **PVT 106**
Heavy Section Steel Plates for Reactor Pressure Vessels Produced by Basic Oxygen Process (76-PVP-56) **PVT 314**
Linear Bending of an Orthotropic Rectangular Sandwich Plate (TB) **I 913**
Loss Factor for a Rectangular Plate of Parabolic Thickness Variation **I 799**
Mixed Convection in Boundary Layer Flow on a Horizontal Plate **HT 66**
A Mixed Method in Elasticity (76-WA/APM-30) **AM 51**
Optimal Structural Design of Flexural Systems: Beams, Grillages, Slabs, Plates, and Shells (BR) **AM 516**
A Solution of Freezing of Liquids of Low Prandtl Number in Turbulent Flow Between Parallel Plates **HT 20**
Stiffened Plates: Bending, Stability and Vibrations (BR) **AM 516**
Transverse Vibration of a Plate Having an Eccentric Inner Boundary (BN) **AM 165**
Traveling Loads on Viscoelastic Plates on Nonlinear Foundations **AM 677**
Vibrations and Dynamic Response of Viscoelastic Plates on Nonperiodic Elastic Supports (76-DE-H) **I 404**

Plaut, R. H. Branching Analysis at Coincident Buckling Loads of Nonconservative Elastic Systems (77-APM-30) **AM 317**

Play, D. Surface Temperatures in Distributed Contacts: Application to Bearing Design **L 277**

Pletcher, R. H. Buoyant Jets Discharging Nonvertically Into a Uniform, Quiescent Ambinet—A Finite-Difference Analysis and Turbulence Modeling **HT 641**; Prediction of Turbulent Forced Plumes Issuing Vertically Into Stratified or Uniform Ambients **HT 99**

Plett, E. G. Reduction of Heat Transfer to Gun Barrels by Wear-Reducing Additives (D) (AC) **HT 158**

Plexiglas Plates
Static and Dynamic Stress Intensity Factors by the Method of Transmitted Caustics **MT 105**

Plug-Flow Reactors
Catalytic Combustion Modeling: Comparisons With Experimental Data (77-GT-85) **P 593**

Plug Nozzles
Free Turbulent Shear Layers on Plug Nozzles **F 301**; (D) **F 308, 309**; (AC) **F 310**

Plumb, O. A. Application of a K-ε Turbulence Model to Natural Convection From a Vertical Isothermal Surface (76-HT-17) **HT 79**

Plumes
Buoyant Jets Discharging Nonvertically Into a Uniform, Quiescent Ambient—A Finite-Difference Analysis and Turbulence Modeling **HT 641**
An Experimental Investigation of the Plume Velocity Field Above a Horizontal Line Heat Source **HT 609**
Prediction of Turbulent Forced Plumes Issuing Vertically Into Stratified or Uniform Ambients **HT 99**

Plunge Cylindrical Grinder
On the Doubly Regenerative Stability of a Grinder: the Combined Effect of Wheel and Workpiece Speed (76-WA/Prod-19) **I 237**

Pneumatic Coupling
Dynamic Response of a Cam-Actuated Mechanism With Pneumatic Coupling (76-DET-35) **I 598**

Pneumatic Driving System
In-Vitro and Predicted In-Vivo Performances of a Pneumatically Regulated Artificial Ventricle **BE 83**

Pneumatic Suspension Systems
A Pneumatic On-Off Vehicle Suspension System **DS 130**

Point Contact
Calculation of Surface Deformation in Point Contact EHD **L 313**
Isothermal Elastohydrodynamic Lubrication of Point Contacts: Part III—Fully Flooded Results (76-Lub-30) **L 264**; (D) **L 275**; (AC) **L 276**; Part IV—Starvation Results (76-Lub-31) **L 15**

Point Force Solutions
Point Force Solution for an Infinite Transversely Isotropic Solid (D) **AM 514**; (AC) **AM 515**

Point Measurements
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) **P 385**

Point Source
Mass Diffusion from a Point Source in a Neutral Turbulent Shear Layer **HT 433**

Poiseuille Flow
Stability of Poiseuille Flow in Elastic Tubes **AM 18**

Polar Cavity
Laminar Incompressible Recirculating Flow in a Driven Cavity of Polar Cross Section (TB) **F 774**

Poli, C. Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 1: Non-Vibratory Feeding Systems (76-WA/Prod-38) **I 302**; Part 2: Vibratory-Bowl Feeding Systems (76-WA/Prod-39) **I 308**

Pollutant Emissions
Reduction of Pollutant Emissions from Industrial Boilers by Combustion Modification (76-WA/Fu-5) **P 320**

Pollution Abatement
Optimal Control of a Partially Time Lagged River Aeration System Subject to Random Disturbances **DS 193**

Pols, A. C. High-Pressure Jet-Drilling Experiments in Some Hard Rocks (76-Pet-50) **PVT 353**

Polvanich, N. Corner Crack at the Bore of a Rotating Disk (Er) **P 96**; Inner and Outer Cracks in Internally Pressurized Cylinders (76-PVP-6) **PVT 83**

Polycrystal Creep Properties
Derivation of Polycrystal Creep Properties From the Creep Data of Single Crystals (77-APM-8) **AM 73**

Polycrystalline Iron
A Mechanical Equation of State for Inelastic Deformation of Iron: An Analytic Description (76-Mat-EE) **MT 59**

Polyethylene
Dynamic Model of Expanded Polyethylene for Package Cushion Applications (TB) **MT 278**

Polygonal Blocks
On the Solution of Three-Dimensional Metal-Forming Processes (76-WA/Prod-17) **I 624**

Polygonal Shapes
Efficient C^0 Finite-Element Solution of Simply Supported Plates of Polygonal Shape (BN) **AM 347**

Polymers
Adhesive Wear of Polymers **L 396**
Friction and Wear of Glass and Carbon Fiber-Filled Thermoplastic Polymers **L 408**

Polymethylmethacrylate Plates
Experimental Investigation of the Angled Elliptic Notch Problem in Tension (77-WA/APM-6) **AM 455**

Polynomials
Determination of Stress Intensity Factors for Gradient Stress Fields (76-WA/PVP-10) **PVT 477**

Pool Boiling
Transient Pool Boiling Heat Transfer—Part 1: Incipient Boiling Superheat **HT 547**; Part 2: Boiling Heat Transfer and Burnout **HT 554**

Popelar, C. Steady-State Crack Propagation in Pressurized Pipelines (76-PVP-7) **PVT 112**

Population Systems
Frequency Domain Approach to the Computation of the Impulse Response of Population Systems **DS 249**

Porosities
Review of the Mechanical Properties of Cast Steels With Emphasis on Fatigue Behavior and the Influence of Microdiscontinuities **MT 329**

Porous Bearings
Analysis of the Stiffness and Damping Characteristics of an Externally Pressurized Porous Gas Journal Bearing **L 295**
Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (76-Lub-32) **L 331**; (D) (AC) **L 338**
The Lubrication of a Long, Porous, Flexible Journal Bearing **L 449**
Transmissibility Study of a Flexibly Mounted Rolling Element Bearing in a Porous Bearing Squeeze-Film Damper (76-Lub-4) **L 50**

Porous Beds
Transient Non-Darcy Gas Flow in a Finite Porous Bed (TB) **F 779**

Porous Ductile Media
Continuum Theory of Ductile Rupture by Void Nucleation and Growth: Part I—Yield Criteria and Flow Rules for Porous Ductile Media (76-Mat-CC) **MT 2**

Porous Gas Bearings
Dynamic Characteristics of Externally Pressurized Rectangular Porous Gas Thrust Bearings (D) (AC) **L 141**

Porous Gas Journal Bearings
Porous Gas Journal Bearings—A Semianalytical Solution (TB) **MT 487**

Porous Materials
A Fracture Criterion for Porous Materials and Its Application to the Shape of Sintered Preforms in Forging **MT 16**
Mass Transfer and Pressure Rise in Moist Porous Material Subjected to Sudden Heating **HT 105**

Porous Media
Deviation Forces Arising from Single Bit Tooth Indentation of an Anisotropic Porous Media (76-Pet-52) **PVT 362**
Friction Factor for Isothermal and Nonisothermal Flow Through Porous Media **HT 367**
A Note on Convective Instabilities in Boussinesq Fluids and Porous Media (TN) **HT 338**

Porous Pipes
Transient Heat and Mass Transfer in Soils in the Vicinity of Heated Porous Pipes **HT 541**

Porous Plates
Direct Measurement of Wall Shear Stress With Mass Transfer in a Low Speed Boundary Layer **F 580**

Porowski, J. S. Limit Design of Perforated Cylindrical Shells per ASME Code **PVT 646**; Plastic Strain Concentrations in Ligaments (76-PVP-32) **PVT 328**

Porter, B. A New View of the Modal Control Technique (D) (AC) **DS 316**

Postbuckling Behavior
Stable Postbuckling Equilibria of Axially Compressed, Elastic Circular Cylindrical Shells: A Finite-Element Analysis and Comparison With Experiments (77-WA/APM-9) **AM 475**

Postflutter Behavior
Nonlinear Behavior of Flutter Unstable Dynamical Systems With Gyroscopic and Circulatory Forces **AM 755**

Post-Surgical Rewarming
An Experimental and Theoretical Investigation of Hypothermia in Dogs **BE 195**

Potter, M. C. An Experimental Investigation of Incompressible Channel Flow Near Transition (77-FE-19) **F 693**; (D) (AC) **F 698**

Powder Metallurgy Aluminum
Erosion of Powder Metallurgy Aluminum Alloys by Hot Propellant Gases (76-Mat-L) **MT 36**

Power Boilers
The 1977 Edition of Section I, Power Boilers **PVT 380**

Power Consumption
Fluid Delivery and Metering for Reaction-Injection Molding (76-WA/PID-19) **I 678**

Power Input
Power Input to Weaving Looms Driving Motors (76-Tex-5) **I 65**

Power Plant Condensers
Forced Vibration of Tube Support Plates in Power Plant Condensers, With Friction Damping (76-Pwr-A) **P 106**

Power Plants
Heat Exchanger Design Considerations for Gas Turbine HTGR Power Plant (76-GT-53) **P 237**

STATUS Report on Closed-Cycle Power Plants in the Federal Republic of Germany (76-GT-54) **P 37**
Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (76-WA/APC-1) **P 335**. (D) (AC) **P 341**

Power Stations
Characteristics of Rheinisch Brown Coals With Respect to Their Combustion and Fouling Behavior in Thermal Power Stations (76-WA/CD-3) **P 679**

Power System Economics
Power System Economics: An Evaluation of Plant Auxiliary System Incremental Kilowatt Consumption (76-WA/Pwr-2) **P 419**; (D) (AC) **P 424**

Power Transmission Lines
Optimization of Helium Refrigerators for Superconducting Power Transmission Lines in Terms of Cost and Reliability (76-WA/PID-16) **I 551**

Power Turbines
Aerothermodynamic Performance 9f a Variable Nozzle Power Turbine Stage for an Automotive Gas Turbine (77-GT-95) **P 587**

Prabhakar, R. Optimization of Automotive Engine Fuel Economy and Emissions **DS 109**

Prabhakara, M. K. Finite Deflections of Unsymmetric Angle-Ply Anisotropic Rectangular Plate Under Edge Moments (BN) **AM 171**

Prakash, J. A Microcontinuum Theory for the Elastohydrodynamic Inlet Zone (76-Lub-19) **L 24**

Prakash, R. Estimation of Systemic Arterial Impedance in Man From Cardiac Catheterization Data (76-WA/Bio-6) **BE 9**

Prandtl Numbers
The Effect of Thermal Diffusion on Flow Stability Between Two Rotating Cylinders **L 319**
A Solution of Freezing of Liquids of Low Prandtl Number in Turbulent Flow Between Parallel Plates **HT 20**
Thermoconvective Motion of Low Prandtl Number Fluids Within a Horizontal Cylindrical Annulus **HT 596**

Pratap, V. S. Numerical Computation of Flow in Rotating Ducts (76-FE-25) **F 148**

Prause, R. H. Hunting Stability of Rail Vehicles with Torsionally Flexible Wheelsets (75-WA/RT-2) **I 10**

Prebent Hinge Collapse
The Effect of Strain Rate Upon the Bending Behavior of Materials (76-Mat-FF) **MT 47**

Precipitation-Hardened Aluminum Alloys
Temperature Dependences of the Elastic Constants of Precipitation-Hardened Aluminum Alloys 2014 and 2219 **MT 181**

Precipitation Hardening
Numerical Solution of Transient Heat Conduction Equation for Heat-Treatable Alloys Whose Thermal Properties Change With Time and Temperature **HT 471**

Pressure
Elastostatics of Cubic Boxes Subjected to Pressure (77-PVP-9) **PVT 568**

Pressure Distributions
Buckling of Supported Arches Under Three Pressure Distributions (BN) **AM 764**
Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) **F 531**; (D) **F 540, 541**; (AC) **F 541**; (D) **F 789**; (AC) **F 790**

Pressure Drops
Friction Factor for Isothermal and Nonisothermal Flow Through Porous Media **HT 367**
Heat Transfer and Fluid Flow Analysis of Interrupted-Wall Channels, With Application to Heat Exchangers **HT 4**
A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) **P 441**

Pressure Fields
Further Developments in the Aerodynamic Analysis of Unsteady Supersonic Cascades—Part 1: The Unsteady Pressure Field (77-GT-44) **P 509**

Pressure-Gain Combustors
A Simple Pressure-Gain Combustor for Gas Turbines (76-GT-6) **P 153**

Pressure Gradients
Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) **AM 218**

Pressure Loading
Efficient C^0 Finite-Element Solution of Simply Supported Plates of Polygonal Shape (BN) **AM 347**

Pressure Pulses
Pulse Propagation in Fluid-Filled Tubes (77-APM-7) **AM 31**

Pressure Rise
Mass Transfer and Pressure Rise in Moist Porous Material Subjected to Sudden Heating **HT 105**

Pressure-Shear Waves
Analysis of Combined Pressure-Shear Waves in an Elastic/Viscoplastic Material **AM 79**
Pressure-Shear Waves in 6061-T6 Aluminum Due to Oblique-Plate-Impact **AM 85**

Pressure-Time Histories
The Use of Plastic Cold Flow in the Development of an Externally Connected Transducer for Recording Pressure-Time Histories of Diesel Fuel Injection Phenomena and Its Application in Fault Diagnosis (76-DGP-3) **P 274**

Pressure Transducers
Design of a Fiber Optic Pressure Transducer (75-WA/DE-8) **I 274**; (D) **I 279**; (AC) **I 280**

Pressure Vessel Design
Data-Based Computer System for Pressure Vessel Design (76-PVP-63) **PVT 337**

Pressure Vessel Heads
Instability Analysis of Torispherical Pressure Vessel Heads with Triangular Thin-Shell Finite Elements (76-PVP-33) **PVT 64**
Nonsymmetric Buckling of Internally Pressurized Ellipsoidal and Torispherical Elastic-Plastic Pressure Vessel Heads (76-PVP-25) **PVT 54**

Pressure Vessel Intersections
Review of Lower-Bound Limit Analysis for Pressure Vessel Intersections **PVT 413**

Pressure Vessel Materials
Delay Effects in a Pressure Vessel Material—5083-O Aluminum (76-WA/PVP-1) **PVT 427**

Pressure Vessel & Piping Codes
Contributions of the ORNL Piping Program to Nuclear Piping Design Codes and Standards **PVT 224**
The 1977 Edition of Section I, Power Boilers **PVT 380**
The 1977 Edition of Section III, Nuclear Power Plant Components **PVT 498**
The 1977 Edition of Section VIII, Pressure Vessels, Divisions 1 and 2 **PVT 380**
The 1977 Edition of Section IV, Heating Boilers **PVT 380**
The 1977 Edition of Section V, Nondestructive Examination **PVT 498**
Guide to Butt Joint Factors Based on Radiographic Examination in Accordance with UW-11 and UW-12 of Section VIII, Division 1 **PVT 231**
Limit Design of Perforated Cylindrical Shells per ASME Code **PVT 646**

Pressure Vessel Research Committee
Weld Repair Procedure for Nuclear Pressure Vessels **PVT 500**
WRC Activities Described in New Publication **PVT 500**
WRC Bulletin 221 November 1976 **PVT 382**
WRC Bulletin 222 December 1976 **PVT 382**

Pressure Vessel Steels
The Effect of Specimen Thickness Upon the Fatigue Crack Growth Rate of A516-60 Pressure Vessel Steel (76-PVP-57) **PVT 248**
Elevated-Temperature Mechanical Behavior of a Carbon-Manganese Pressure Vessel Steel **MT 359**
Fatigue Design Criteria for Pressure Vessel Alloys (77-PVP-12) **PVT 584**
A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) **PVT 470**

Pressure Vessels
Design Philosophy of Pressure Vessels for Service Above 10 Ksi (70 MPa) (D) **PVT 383**
The 1977 Edition of Section VIII, Pressure Vessels, Divisions 1 and 2 **PVT 380**
Heavy Section Steel Plates for Reactor Pressure Vessels Produced by Basic Oxygen Process (76-PVP-56) **PVT 314**

Pressurization
Stress and Buckling of Internally Pressurized, Elastic-Plastic Torispherical Vessel Heads—Comparisons of Test and Theory (76-PVP-23) **PVT 39**

Pressurized Containers
Crack Propagation and Arrest in Pressurized Containers (76-PVP-12) **PVT 90**

Pressurized Cylinders
Fracture in Straight Pipes Under Large Deflection Conditions—Part I: Structural Deformations (76-PVP-9) **PVT 122**

Pressurized Cylindrical Shells
Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) **AM 264**

Pressurized Pipelines
Steady-State Crack Propagation in Pressurized Pipelines (76-PVP-7) **PVT 112**

Pressurized Surface Cracks
Inner and Outer Cracks in Internally Pressurized Cylinders (76-PVP-6) **PVT 83**

Prevaporizing/Premixing Combustors
Autoignition Characteristics of Hydrocarbon Fuels at Elevated Temperatures and Pressures (76-GT-3) **P 83**

Priddin, C. H. The Calculation of Turbulent Boundary Layers on Spinning and Curved Surfaces **F 231**

Primm, L. A. Field Application of Externally Stress-Relieved Drill Collars (76-Pet-39) **PVT 149**

Primrose, E. J. F. Mechanical Couplings—A Geometrical Theory (D) (AC) **I 919**

Principal Bending Curvature
The Effect of Principal Bending Curvature on the Lateral Buckling of Uniform Slender Beams (77-APM-22) **AM 311**

Prismatic Beams
A Note on the Pure Bending of Unsymmetrical Prismatic Beams (BN) **AM 344**

Pritchard, R. S. Simulation of Sea Ice Dynamics During AIDJEX **PVT 491**

Prithvi Raj, D. Investigations on Axial Flow Fan Impellers With Forward Swept Blades (77-FE-1) **F 543**; (D) (AC) **F 547**

Probert, S. D. Thermal Contact Conductance Correlation for Stacks of Thin Layers in High Vacuums (TN) **HT 139**

Problem Oriented Language (POL)
Data-Based Computer System for Pressure Vessel Design (76-PVP-63) **PVT 337**

Process Control
Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite Time Settling Controller/Observer (TB) **DS 209**

Production Engineering
Stiffness of Machine Tool Joints: A Random Process Approach (D) (AC) **I 918**

Production Machining
Tool-Life Distributions—Part 1: Single-Injury Tool-Life Model (76-WA/Prod-36) **I 519**; (D) **I 528**; (AC) **I 531**. Part 2: Multiple-Injury Tool-Life Model (76-WA/Prod-37) **I 523**; (D) **I 528**; (AC) **I 531**

Production Scheduling
Group Scheduling Technique for Multiproduct, Multistage Manufacturing Systems (76-WA/Prod-27) **I 759**

Profile Losses
Loss Sources and Magnitudes in Axial-Flow Compressors (D) (AC) **P 297**

Profile Shapes
Inverse Computation of Profile Shapes for Given Transonic Flow-Configurations With and Without Detached Bow-Shocks in Two-Dimensional Turbomachinery Cascades (77-GT-33) **P 601**

Propellant Gases
Erosion of Powder Metallurgy Aluminum Alloys by Hot Propellant Gases (76-Mat-L) **MT 36**

Propeller Pumps
A Study of a High Specific Speed Propeller Pump: Type of Propeller and Interrelation of Design Parameters (TB) **F 601**
Three-Dimensional Potential Flow and Effects of Blade Dihedral in Axial Flow Propeller Pumps (76-FE-24) **F 167**

Propeller Wakes
An Experimental Study of Three-Dimensional Characteristics of Propeller Wakes Under Stalling Conditions **F 745**

Prosthesis Simulator
An Electrohydraulic Knee-Torque Controller for a Prosthesis Simulator (76-WA/Bio-10) **BE 3**

Prosthetic Heart Valves
Fluid Stresses in the Vicinity of Disk, Ball, and Tilting Disk Prosthetic Heart Valves From In-Vitro Measurements **BE 173**
Numerical Study of the Steady Axisymmetric Flow Through a Disk-Type Prosthetic Heart Valve in a Constant Diameter Chamber **BE 91**

Pseudo-Cylindrical Shells
Pseudo-Cylindrical Shells: a New Concept for Undersea Structures (76-WA/OcE-6) **I 485**

Publication Policy
Prior Publication Policy—A Vital Issue (Ed) **F 614**

Pulmonary Circulation
Estimation of Systemic Arterial Impedance in Man From Cardiac Catheterization Data (76-WA/Bio-6) **BE 9**
Pulsatile Blood Flow
On the Momentum Correction Factor in Pulsatile Blood Flow (BN) **AM 343**
Pulsatile Blood Flow in a Channel of Small Exponential Divergence—III. Unsteady Flow Separation **F 333**
Pulsatile Flow
Experimental Investigations of Steady and Pulsatile Laminar Flow in a 90° Branch **AM 372**
Heat Transfer in Curved Tubes With Pulsatile, Fully Developed, Laminar Flows **HT 590**
Pulse Interval Ratio Modulation
In-Vivo Bone Strain Telemetry in Monkeys *(M. Nemestrina)* **BE 104**
Pulse Propagation
The Effect of Reflections on Nonlinear, Transient Pulse Propagation in Laminated Composites **AM 683**
Pulse Propagation in Fluid-Filled Tubes (77-APM-7) **AM 31**
Pulsed Thermocouples
The Pulsed Thermocouple for Gas Turbine Application (76-GT-1) **P 1**
Pulses
Shape and Frequency Composition of Pulses from an Impact Pair (76-DET-36) **I 513**; (D) (AC) **I 917**
Pulverized Coal
Combustion of Pulverized, Solvent-Refined Coal (76-WA/Fu-6) **P 305**
Pump Impellers
Quasi Two-Dimensional Analysis of Flow Through a Centrifugal Pump Impeller (77-FE-29) **F 687**
Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (D) **F 789**; (AC) **F 790**
Pump Stability
The Time Domain of Centrifugal Compressor and Pump Stability and Surge **F 53**; (D) **F 59–61**; (AC) **F 62**
Pumps
Nonlinear Analysis of Surge Cycles (TB) **F 258**
Punch Forming
The Influence of Strain Hardening and Strain-Rate Sensitivity on Sheet Metal Forming **MT 264**
Punching
Upper Bound of Deep Indentation (TB) **I 804**
Pure Bending
Effect of Axial Force on Dynamic Fracture of a Beam or Plate in Pure Bending (77-WA/APM-22) **AM 647**
A Note on the Pure Bending of Unsymmetrical Prismatic Beams (BN) **AM 344**
Puri, A. Frequency Response of a Tube Bundle in Water (TB) **F 416**
Push-Pull Specimens
A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) **P 391**

Q

Quantitative Density Visualization
Quantitative Density Visualization in a Transonic Compressor Rotor **P 460**
Quarter-Plane Problems
Free-Stream Vorticity Disturbances Adjusting to the Presence of a Plate—A Quarter-Plane Problem **AM 529**
Quasi-Bifurcation
Quasi-Bifurcation in Dynamics of Elastic-Plastic Continua (77-WA/APM-3) **AM 413**
Quasi-Static Compression
On the Influence of Hardening and Anisotropy on the Plane-Strain Compression of Thin Metal Strip **AM 271**
Quasi-Steady Flow
Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) **P 537**
Quasi-Three-Dimensional Configurations
Quasi-Three-Dimensional Laminar Boundary-Layer Separations in Supersonic Flow **F 634**; (D) (AC) **F 639**
Quasi Two-Dimensional Analysis
Quasi Two-Dimensional Analysis of Flow Through a Centrifugal Pump Impeller (77-FE-29) **F 687**
Quenched Steel
The Effect of Plastic Strain Followed by Aging on the Elastic Limit of Quenched and Tempered and Austempered 4340 Steel (TB) **MT 393**
Quon, C. Free Convection in an Enclosure Revisited (TN) **HT 340**

R

Raabe, J. Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (D) **F 540**; (AC) **F 541**
Rabinowicz, E. Erosive-Corrosive Wear of Copper (TB) **L 302**
Rabinowitz, M. D. Steady-State Performance of Squeeze Film Damper Supported Flexible Rotors (77-GT-52) **P 552**; Stability of Squeeze-Film-Damper Supported Flexible Rotors (77-GT-51) **P 545**
Radford, R. W. Wheel/Rail Vertical Forces in High-Speed Railway Operation (77-RT-1) **I 849**
Radial Compressors
An Experimental Investigation of the Control of Surge in Radial Compressors Using Close Coupled Resistances **F 64**; (D) **F 74**; (AC) **F 75**
Radial Diffusers
The Effect of Rotor Blade Wakes on Centrifugal Compressor Diffuser Performance—A Comparative Experiment **F 45**; (D) **F 50–52**; (AC) **F 52**
Radial Inflow Turbine
Quasi-Three-Dimensional Numerical Solution of Flow in Turbomachines (76-FE-23) **F 132**
Radial Pressure Gradients
Stress-Induced Radial Pressure Gradients in Liquid-Filled Multiple Concentric Cylinders (77-APM-32) **AM 218**
Radial Strain Effects
Transient Response of Three-Layered Rings (77-APM-21) **AM 299**
Radiant Energy
Radiative Heating in Ice **HT 227**
Radiant-Energy Exchange
Calculation of Shape Factors Between Rings and Inverted Cones Sharing a Common Axis (TN) **HT 492**
Radiation
Spectral Absorption of Water Vapor and Carbon Dioxide Mixtures in the 2.7 Micron Band **HT 53**
Radiation-Convection Interaction
Radiation-Convection Interaction in an Absorbing-Emitting Liquid in Natural Convection Boundary Layer Flow (TN) **HT 125**
A Theoretical and Experimental Study of Radiation-Convection Interaction in a Diffusion Flame **HT 212**
Radiative Environment
Thermal Response of a Transpiration-Cooled System in a Radiative and Convective Environment **HT 628**
Radiative Heat Transfer
The Use of the Milne-Eddington Absorption Coefficient for Radiative Heat Transfer in Combustion Systems **HT 458**
Radiative Heating
Radiative Heating in Ice **HT 227**
Radiative Transfer
Combined Radiation—Convection for a Real Gas (76-HT-58) **HT 60**
A Mathematical Solution for Gas-to-Surface Radiative Exchange Area for a Rectangular Parallelepiped Enclosure Containing a Gray Medium **HT 203**
Radioactive Gases
Gas Flow in a Permeable Earth Formation Containing a Crack **AM 553**
Radiographic Examination
Guide to Butt Joint Factors Based on Radiographic Examination in Accordance with UW-11 and UW-12 of Section VIII, Division 1 **PVT 231**
Raftopoulos, D. Static and Dynamic Stress Intensity Factors by the Method of Transmitted Caustics **MT 105**
Ragazzini, J. R. *(author)* Remarks: Rudolf E. Kalman/ASME Presentation Dinner/Rufus Oldenburger Medal/December 6, 1976 (F) **DS 73**
Ragsdell, K. M. Application of a New Penalty Function Method to Design Optimization (76-DE-C) **I 31**; The Generalized Reduced Gradient Method: A Reliable Tool for Optimal Design (76-DE-E) **I 394**
Rail Vehicle Hunting
Influence of Axle Load, Track Gage, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) **I 186**; (D) **I 926**; (AC) **I 927**
Rail Vehicle Stability
Influence of Nonlinear Wheel/Rail Contact Geometry on Stability of Rail Vehicles (76-WA/RT-2) **I 172**
Rail Vehicle Suspension
Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) **I 841**
Rail Vehicles
Hunting Stability of Rail Vehicles with Torsionally Flexible Wheelsets (75-WA/RT-2) **I 10**
Influence of Nonlinear Wheel/Rail Contact Geometry on Stability of Rail Vehicles (D) **I 923, 924**; (AC) **I 925**
Railly, J. W. Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (D) (AC) **F 541**; Treatment of the Annulus Wall Boundary Layer Using a Secondary Flow Hypothesis (76-GT-52) **P 29**
Railcars
A Pneumatic On-Off Vehicle Suspension System **DS 130**
Railroad Cars
Dynamic Simulation of Freight Car and Lading During Impact (77-RT-3) **I 859**
Railroad Freight-Car Trucks
Performance Characteristics of Freight-Car Trucks Determined Through Road Testing (76-WA/RT-4) **I 196**
Railroad Freight Car Wheels
Analysis of Thermal Stresses and Residual Stress Changes in Railroad Wheels Caused by Severe Drag Braking (75-WA/RT-3) **I 18**
Railroad Roller Bearings
Reliability of Railroad Roller Bearings (76-LubS-18) **L 30**; (D) **L 36–39**; (AC) **L 39**
Railroad Tracks
An Investigation of Factors Contributing to Wide Gage on Tangent Railroad Track (75-WA/RT-1) **I 1**
Railway Vehicles
Effects of Truck Design on Hunting Stability of Railway Vehicles (76-WA/RT-1) **I 162**
Railway Wheels
Wheel/Rail Vertical Forces in High-Speed Railway Operation (77-RT-1) **I 849**
Rain-Flow Methods
Fatigue Under Wide Band Random Stresses Using the Rain-Flow Method **MT 205**
Raithby, G. D. Analysis of Heat Transfer by Natural Convection Across Vertical Fluid Layers (76-HT-37) **HT 287**; Free Convection Heat Transfer Across Inclined Honeycomb Panels **HT 86**
Raj, R. Analysis of the Tennessee Valley Authority Gallatin No. 2 Unit Turbine Rotor Burst (D) (AC) **MT 283**; Effect of Hold-Time on Elevated Temperature Fatigue Crack Propagation in Types 304 and 316 Stainless Steels (D) (AC) **MT 282**; Low Cycle Fatigue of Two Austenitic Alloys in Hydrogen Gas and Air at Elevated Temperatures (D) **M 282**; (AC) **MT 283**
Rajagopal, S. Properties of Reinforced Abrasive Disks in Flexure (76-WA/Prod-41) **I 318**
Rajan, G. Dynamic Response of Elastic Rods Under Parametric Excitations (76-DE-G) **I 41**
Rake Angle Tools
On Wedge Indentation and Its Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) **I 702**
Rake Face
Determination of Plastic Contact Length Between Chip and Tool in Machining (TB) **I 802**
Ramadhyani, S. Analysis of Melting in the Presence of Natural Convection in the Melt Region **HT 520**
Ramalingam, S. Tool-Life Distributions—Part 1: Single-Injury Tool-Life Model (76-WA/Prod-36) **I 519**; (D) **I 528**; (AC) **I 531**; Part 2: Multiple-Injury Tool-Life Model (76-WA/Prod-37) **I 523**; (D) **I 528**; (AC) **I 521**
Ramamurthy, A. S. Constrained Flow Past Cavitating Bluff Bodies **F 717**
Ramberg, S. E. Vortex Excited Oscillations of Yawed Circular Cylinders (D) **F 501**; (AC) **F 502**
Ramberg-Osgood Equation
A Simple Bound on the Asymptotic Pressure in a Spherical Cavity, Surrounded by an Infinite Elasto-Plastic Medium (BN) **AM 507**
Ramey, D. G. Measurements of Torsional Dynamic Characteristics of the San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) **P 378**; (D) (AC) **P 383**
Ramsey, J. W. Experimental Evaluation of a Cylindrical

Parabolic Solar Collector (76-WA/HT-13) **HT 163**

Rand, R. H. The Stability of Bifurcating Periodic Solutions in a Two-Degree-of-Freedom Nonlinear System (BN) **AM 782**

Randolph, D. D. Analysis of the Tennessee Valley Authority Gallatin No. 2 Unit Turbine Rotor Burst (D) (AC) **MT 283**

Random Algorithms
The Use of a Random Algorithm for Dynamic Optimization of Mechanisms (76-WA/DE-22) **I 153**

Random Boundary Excitation
Transient Response of a Shear Beam to Correlated Random Boundary Excitation (77-APM-24) **AM 487**

Random Disturbances
Optimal Control of a Partially Time Lagged River Aeration System Subject to Random Disturbances **DS 193**

Random Excitation
Response of Nonclassically Damped Linear Systems to Stationary Random Excitation (BN) **AM 785**

Random Initial Perturbation
Capillary Breakup of a Liquid Jet With a Random Initial Perturbation **AM 385**

Random Loading
Creep Damage Under Stationary Random Loading (BN) **AM 763**

Random Roadway Inputs
An Analtyical and Experimental Study of Automobile Dynamics With Random Roadway Inputs **DS 284**

Random Stresses
Fatigue Under Wide Band Random Stresses Using the Rain-Flow Method **MT 205**

Random Turbulent Fluctuations
The Breakup Length of Turbulent Liquid Jets (TB) **F 414**

Rao, D. K. Frequency and Loss Factors of Tapered Symmetric Sandwich Beams (BN) **AM 511**

Rao, K. S. Mass Diffusion from a Point Source in a Neutral Turbulent Shear Layer **HT 433**

Rao, N. S. Analysis of the Stiffness and Damping Characteristics of an Externally Pressurized Porous Gas Journal Bearing **L 295**

Rao, S. S. Reliability Analysis of Machine Tool Structures **I 882**

Rao, Y. V. Quasi Two-Dimensional Analysis of Flow Through a Centrifugal Pump Impeller (77-FE-29) **F 687**; Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) **F 531**. (D) **F 540, 541**. (AC) **F 541**

Rapid Transit
Vehicle-Follower Control With Variable-Gains for Short Headway Automated Guideway Transit Systems **DS 183**

Rask, D. R. Free Turbulent Shear Layers on Plug Nozzles **F 301**. (D) **F 308, 309**. (AC) **F 310**

Rasmussen, M. L. On Wave Propagation in Particulate Suspensions (BN) **AM 354**

Rate-Sensitive Material Flow
Integrable Generalized Wave Equations Exhibiting a Hypoelastic Compressible Rate-Sensitive Material Flow (77-WA/APM-2) **AM 419**. (Er) **AM 803**

Ratwani, M. M. A J-Integral Approach to Crack Resistance for Aluminum, Steel, and Titanium Alloys **MT 97**

Rayleigh Number
A Criterion of Onset of Free Convection in a Horizontal Melted Water Layer With Free Surface **HT 92**

Razinsky, E. H. Aerothermodynamic Performance of a Variable Nozzle Power Turbine Stage for an Automotive Gas Turbine (77-GT-95) **P 587**

Reaction-Injection Molding
Fluid Delivery and Metering for Reaction-Injection Molding (76-WA/PID-19) **I 678**

Reactor Pressure Vessels
Heavy Section Steel Plates for Reactor Pressure Vessels Produced by Basic Oxygen Process (76-PVP-56) **PVT 314**

Reactors (HTGR)
Heat Exchanger Design Considerations for Gas Turbine HTGR Power Plant (76-GT-53) **P 237**

Reactors (LMFBR)
Inelastic Behavior of Finite Circular Cylindrical Shells (76-PVP-42) **PVT 31**

Microstructural Effects in the Low-Cycle Fatigue of Fe-Ni-Cr Austenite **MT 29**

Read, D. T. Temperature Dependences of the Elastic Constants of Precipitation-Hardened Aluminum Alloys 2014 and 2219 **MT 181**

Real Mechanisms
Shape and Frequency Composition of Pulses from an Impact Pair (76-DET-36) **I 513**

Reattached Flow
Heat Transfer in an Axisymmetric Separated and Reattached Flow Over a Longitudinal Blunt Circular Cylinder (TN) **HT 155**

Rebbechi, B. On the Elastokinematics of the Involute Gear Pair (76-DET-34) **I 648**

Rebont, J. An Experimental Study of Three-Dimensional Characteristics of Propeller Wakes Under Stalling Conditions **F 745**

Reciprocity
System Properties of One-Dimensional Distributed Systems **DS 85**

Recirculating Flows
Velocity Distribution in an Abruptly Expanding Circular Duct **F 226**

Recovery Temperature Distributions
Experimental and Predicted Recovery Temperature Distributions in a Rocket Nozzle With Gaseous Film Cooling **HT 386**

Rectangular Cavities
Numerical Study of Transient and Steady Induced Symmetric Flows in Rectangular Cavities (77-FE-17) **F 526**

Rectangular Ducts
A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (77-FE-4) **F 347**. (D) (AC) **F 784**

Rectangular Honeycombs
Effect of Tilt and Horizontal Aspect Ratio on Natural Convection in a Rectangular Honeycomb (TN) **HT 120**

Rectangular Parallelepiped Enclosures
A Mathematical Solution for Gas-to-Surface Radiative Exchange Area for a Rectangular Parallelepiped Enclosure Containing a Gray Medium **HT 203**

Rectangular Plates
Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) **AM 305**

Flow-Induced Bending of Rectangular Plates (77-APM-14) **AM 207**

Free-Vibration Analysis of Rectangular Plates With Clamped-Simply Supported Edge Conditions by the Method of Superposition **AM 743**

Large Deflection of a Rectangular Plate Resting on a Pasternak-Type Elastic Foundation (BN) **AM 509**

Linear Bending of an Orthotropic Rectangular Sandwich Plate (TB) **I 913**

Loss Factor for a Rectangular Plate of Parabolic Thickness Variation **I 799**

A Shear Correction for Simply Supported Rectangular Plates (BN) **AM 502**

Rectangular Surface Cracks
Stress Analysis and Stress-Intensity Factors for Finite Geometry Solids Containing Rectangular Surface Cracks (77-WA/APM-5) **AM 442**

Rectangular Surfaces
The Stability of an Isolated Rectangular Surface Embedded in Uniform Subsonic Flow **AM 201**

Rectangular Tubesheets
Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) **P 365**

Rectangular Wings
Aerodynamic Characteristics of a Rectangular Wing With a Tip Clearance in a Channel **AM 541**

Recursive Algorithms
Recursive Algorithms for Routh Test in Continuous and Discrete Time **DS 146**

Red, W. E. Javelin Dynamics Including Body Interaction (BN) **AM 496**

Reddy, C. P. Reliability Analysis of Machine Tool Structures **I 882**

Redekop, D. Three-Dimensional Analysis of an Elastic Plate-Cylinder Intersection by the Boundary-Point-Least-Squares Technique (76-PVP-34) **PVT 17**

Reduced Gradient
The Generalized Reduced Gradient Method: A Reliable Tool for Optimal Design (76-DE-E) **I 394**

Reed, R. P. Fracture Mechanics Parameters for a 5083-0 Aluminum Alloy at Low Temperatures **MT 306**

Reed, S. E. Analytical and Experimental Stress Analysis of a Cylinder-to-Cylinder Structure (77-PVP-11) **PVT 575**

Reedy, R. F. The 1977 Edition of Section III, Nuclear Power Plant Components **PVT 498**

Reeves, G. B. Estimation of Centrifugal Compressor Stability With Diffuser Loss-Range System **F 76**. (D) **F 81**. (AC) **F 82**

Reference Adaptive Control Systems
The Design of a Signal Synthesis Model Reference Adaptive Control System for Linear Unknown Plants **DS 123**

Reflection
An Approximate Method of Analysis of the Transmission of Elastic Waves Through a Frictional Boundary **AM 652**

Refrigerant R-113
Incipient Boiling Characteristics at Atmospheric and Subatmospheric Pressures **HT 398**

Refrigeration
Optimization of Helium Refrigerators for Superconducting Power Transmission Lines in Terms of Cost and Reliability (76-WA/PID-16) **I 551**

Refslund, K. *(author)* The Accuracy of Flow Measurements by Laser-Doppler Methods (BR) **DS 220**

Refuse Firing
Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (76-WA/CD-1) **P 449**. (D) **P 455**. (AC) **P 458**

Regenerative Compressors
A Regenerative Compressor (76-WA/PID-22) **I 637**. (D) **I 919**. (AC) **I 920**

Regenerator Thermodynamic Performance
The Effect of Fin Geometry and Manufacturing Process on Ceramic Regenerator Thermodynamic Performance (77-GT-61) **P 638**

Regional Air Pollution
A Dynamic Simulation of the Impact of Regional Air Pollution (76-Mgt-A) **I 424**

Rehman, M. A Simple Pressure-Gain Combustor for Gas Turbines (76-GT-6) **P 153**

Reiland, R. F. Prediction of Torsional Strength of Tubes **P 476**

Reinforced Edge Beams
Vibration and Stability of Spinning Annular Plates Reinforced With Edge Beams (BN) **AM 499**

Reinforcing Rib
Stresses Around a Rib-Reinforced Elliptic Hole in a Circular Cylindrical Shell Under Tension (76-PVP-13) **PVT 12**

Reismann, H. Plate Buckling Due to Follower Edge Forces (BN) **AM 768**

Reiss, R. Finite Elastic Deformation for a Class of Soft Biological Tissues **BE 98**

Reissner, E. Timoshenko Beam Theory Is Not Always More Accurate Than Elementary Beam Theory (D) **AM 357-359**. (AC) **AM 359**

Relaxation
Creep and Relaxation of Nonlinear Viscoelastic Materials with an Introduction to Linear Viscoelasticity (BR) **AM 364**

Relaxation Phenomena
Effect of J on Creep and Relaxation in a Plate With a Central Hole (76-Mat-GG) **MT 76**

Reliability Analysis
Realiability Analysis of Machine Tool Structures **I 882**

Renton, W. J. Analysis of Adhesively Bonded Joints Between Panels of Composite Materials (77-APM-1) **AM 101**

Reservoir Performance
The Estimation of Aquifer Properties from Reservoir Performance in Water-Drive Fields (76-Pet-49) **PVT 345**

Reservoirs
Instability of Elastically Suspended Tainter Gate System Caused by Surface Waves on the Reservoir of a Dam (77-FE-25) **F 699**

Residential Fires
Cooling of Room Fires by Sprinkler Spray **HT 353**

Residential Heating Systems
Improvement of Seasonal Efficiency of Residential Heating Systems (76-WA/Fu-7) **P 329**. (D) **P 333, 334**. (AC) **P 334**

Oil Conservation in Home Heating (76-WA/Fu-8) **P 413**. (D) (AC) **P 417**

Residual Ductility
Residual Ductility and Residual Stresses in Formed Heads (77-PVP-13) **PVT 593**

Residual Fuels
Particulate Emissions from Residual Fuel Fired Boilers: Influence of Combustion Modification (76-WA/APC-3) **P 371**

Residual Stress Changes
Analysis of Thermal Stresses and Residual Stress Changes in Railroad Wheels Caused by Severe Drag Braking (75-WA/RT-3) **I 18**

Residual Stresses
The Crack-Contact and the Free-End Problem for a Strip Under Residual Stress (77-APM-3) **AM 41**

Residual Ductility and Residual Stresses in Formed Heads (77-PVP-13) **PVT 593**

Residuals
A Residual Method With Lagrange Multipliers for Transient Heat Conduction Problems (TN) **HT 495**

Resin Plates
Effects of Fluctuating Moisture and Temperature on the Mechanical Response of Resin-Plates **AM 571**

Resinoid Abrasive Disks
Properties of Reinforced Abrasive Disks in Flexure (76-WA/Prod-41) **I 318**

Resistances
An Experimental Investigation of the Control of Surge in Radial Compressors Using Close Coupled Resistances **F 64** (D) **F 74** (AC) **F 75**

Resonance Modes
Response of Three Oscillators Coupled by a Weak Nonlinearity (77-APM-5) **AM 141**

Resonance Oscillations
Resonance Oscillations in Mechanical Systems (BR) **AM 365**

Resonant Forcing
Torsional Amplitude Growth With Resonant Forcing (76-WA/DE-20) **I 151**

Respiratory Flows
A Planar Fluidic Flowmeter Applicable to Respiratory Flows (77-WA/Flcs-1) **DS 293**

Respiratory Heat Exchange
An Analysis of Sensible Respiratory Heat Exchange During Inspiration Under Environmental Conditions of Deep Diving (76-WA/OCE-1) **BE 45**

Restrictor Systems
Static and Dynamic Performance of an Infinite Stiffness Hydrostatic Thrust Bearing **L 106**

Reverse Flow
Influence of Inlet Flow Conditions and Geometries of Centrifugal Vaneless Diffusers on Critical Flow Angle for Reverse Flow **F 98** (D) **F 102** (AC) **F 103**

Revolute Connections
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) **I 131**

Revolute-Revolute Cranks
Instantaneous Kinematics of a Special Two-Parameter Motion (76-DET-4) **I 336** (D) (AC) **I 340**

Rewarming Technique
An Experimental and Theoretical Investigation of Hypothermia in Dogs **BE 195**

Rewetting
Analysis of Conduction-Controlled Rewetting of a Vertical Surface (D) (AC) **HT 502**

Reynolds, D. J. Influence of Axial Load, Track Gage, and Wheel Profile on Rail Vehicle Hunting (D) **I 926** (AC) **I 927**; Influence of Nonlinear Wheel/Rail Contact Geometry on Stability of Rail Vehicles (D) **I 923, 924** (AC) **I 925**

Reynolds Number
Calculated Orifice Plate Discharge Coefficients at Low Reynolds Numbers (TB) **F 424** (D) (AC) **F 425**
Drag on a Group of Cylinders (76-Pet-42) **PVT 152**
Laminarization in Low Reynolds Number Turbulent Duct Flows (TN) **HT 682**
A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) **F 486** (D) (AC) **F 494**
Numerical Study of Transient and Steady Induced Symmetric Flows in Rectangular Cavities (77-FE-17) **F 526**

Reynolds Stress Equations
A Note in Comment on "A Reynolds Stress Model for Turbulent Corner Flows" (TB) **F 593** (D) **F 596** (AC) **F 597**

Reynolds, W. C. Modified Tietjens Function for Asymptotic Analysis of Shear Flow Stability (TB) **F 256**

Rheinisch Brown Coals
Characteristics of Rheinisch Brown Coals With Respect to Their Combustion and Fouling Behavior in Thermal Power Stations (76-WA/CD-3) **P 679**

Rheology
Prediction of Drilling Mud Rheology Using a Simplified Herschel-Bulkley Model **PVT 485**

Rhodes, J. A. The Effects of Fiber Properties and Preparation on Trash Removal and Properties of Open-End Cotton Yarns (76-Tex-7) **I 71**

Rhombic Plates
The Effect of Stress Ratio on Fatigue Crack Growth in a Biaxial Stress Field (76-PVP-37) **PVT 137**
Efficient Co Finite-Element Solution of Simply Supported Plates of Polygonal Shape (BN) **AM 347**

Riaz, M. Analytical Solutions for Single- and Two-Phase Models of Packed-Bed Thermal Storage Systems (TN) **HT 489**

Rib-Reinforced Elliptic Hole
Stresses Around a Rib-Reinforced Elliptic Hole in a Circular Cylindrical Shell Under Tension (76-PVP-13) **PVT 12**

Ribaut, M. On the Calculation of Three-Dimensional Divergent and Rotational Flow in Turbomachines **F 187**

Ribbon-Winding Process
Optimum Design of Ribbon and Wire Wound Cylinders for Metal Forming Dies (76-WA/Prod-28) **I 733**

Rice, J. R. *(reviewer)* Fracture of Brittle Solids (BR) **AM 517**

Rice, R. C. Low Cycle Fatigue of Two Austenitic Alloys in Hydrogen Gas and Air at Elevated Temperatures (D) **MT 282** (AC) **MT 283**

Rice, W. Nonaxisymmetric Flow in the Narrow Gap Between a Rotating Stationary Disc With an Eccentric Source (D) (AC) **F 606**

Rich, J. Thermal Stress Effects and Surface Cracking Associated With Laser Use on Human Teeth (77-WA/Bio-3) **BE 189**

Richards, B. E. *(author)* Measurement of Unsteady Fluid Dynamic Phenomena (BR) **DS 220**

Richards, P. C. Bunker Design—Part 1: Bunker Outlet Design and Initial Measurements of Wall Pressures **I 809**, Part 2: Wall Pressures in Mass Flow **I 814**, Part 3: Wall Pressures and Flow Patterns in Funnel Flow **I 819**, Part 4: Recommendations **I 824**

Ride Vibrations
An Analytical and Experimental Study of Automobile Dynamics With Random Roadway Inputs **DS 284**

Riffel, R. E. An Experimental Determination of the Unsteady Aerodynamics in a Controlled Oscillating Cascade (76-GT-17) **P 88**

Rigid Bodies
The Effect of Viscous Damping on Spin Stability of a Rigid Body With a Fixed Point (BN) **AM 349**
Impact of a Rigid Body on an Elastic Half Space **AM 227**
Instantaneous Kinematics of a Special Two-Parameter Motion (76-DET-4) **I 336** (D) (AC) **I 340**
The Possible Motions of a Rigid Body With One Fixed Point **AM 329**
Vector Analysis of Finite Rigid Rotations (BN) **AM 501**

Rigid Body Guidance
Mixed Exact-Approximate Planar Mechanism Position Synthesis (76-DET-29) **I 434**

Rigid Body Motion
Application of Instantaneous Invariants to the Analysis and Synthesis of Mechanisms (76-DET-12) **I 97**

Rigid-Body Positions
Optimum Synthesis of Multiloop Planar Mechanisms for the Generation of Paths and Rigid-Body Positions by the Linear Partition of Design Equations (76-WA/DE-14) **I 116**

Rigid Cylinders
The Contact Problem for a Rigid Cylinder Pressed Between Two Elastic Layers (76-APM-QQ) **AM 36**

Rigid Flat Surfaces
High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) **F 396**

Rigid-Leaflet Mitral Valve
Comparison of Diastolic Ventricular Mechanics for Rigid Leaflet and Caged-Ball Prosthetic Valves **BE 178**

Rigid-Lid Models
A Three-Dimensional Rigid-Lid Model for Closed Basins (76-WA/HT-21) **HT 656**

Rigid Punch
An Exact Solution for the Superseismic Stage of Dynamic Contact Between a Punch and an Elastic Body **AM 583**

Rigid Spheres
Stress Concentrations Between Two Rigid Spheres (BN) **AM 340**

Rigidity Analysis
Rigidity Analysis and Optimization of Warren Beams in Torsion (76-WA/Prod-32) **I 269**

Ring-Spinning Tension
Effects of Spindle Centering on Ring-Spinning Tension (76-Tex-2) **I 51**

Rings
Calculation of Shape Factors Between Rings and Inverted Cones Sharing a Common Axis (TN) **HT 492**
Consistent Treatment of Extensional Deformations for the Bending of Arches, Curved Beams and Rings (76-PVP-11) **PVT 2**

Ritchie, R. O. Near-Threshold Fatigue Crack Propagation in Ultra-High Strength Steel: Influence of Load Ratio and Cyclic Strength **MT 195**

Ritter, R. C. Capillary Breakup of a Liquid Jet With a Random Initial Perturbation **AM 385**

Ritz-Type Expansion
A Simple Technique for the Minimum Mass Design of Continuous Structural Members (77-APM-27) **AM 285**

River Aeration System
Optimal Control of a Partially Time Lagged River Aeration System Subject to Random Disturbances **DS 193**

Rivera, M. P. Short-Time Torque Investigations on DMA-Bearings (76-Lub-20) **L 65**

Road Tests
Performance Characteristics of Freight-Car Trucks Determined Through Road Testing (76-WA/RT-4) **I 196**

Roadway Roughness
An Analytical and Experimental Study of Automobile Dynamics With Random Roadway Inputs **DS 284**

Robbins, C. R. Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) **MT 143**

Roberts, A. S., Jr. Design of a Fiber Optic Pressure Transducer (75-WA/DE-8) **I 274** (D) **I 279** (AC) **I 280**

Roberts, R. Delay Effects in a Pressure Vessel Material—5083-O Aluminum (76-WA/PVP-1) **PVT 427**

Robertson, R. B. Radiative Heating in Ice **HT 227**

Robinson, A. R. An Exact Solution for the Superseismic Stage of Dynamic Contact Between a Punch and an Elastic Body **AM 583**

Rock Mass
Geothermal Energy: Heat Extraction From Hot Dry Rock Masses (77-Pet-41) **PVT 612**
Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) **PVT 187**

Rock Salt
On the Structural Behavior of Progressively Mined Solution Cavities in Salt **AM 565**

Rocket Nozzles
Experimental and Predicted Recovery Temperature Distributions in a Rocket Nozzle With Gaseous Film Cooling **HT 386**

Rocket Pump Inducers
Three-Dimensional Flow Field in Rocket Pump Inducers Part 2: Three-Dimensional Viscid Flow Analysis, and Hot Wire Data on Three-Dimensional Mean Flow and Turbulence Inside the Rotor Passage (75-WA/FE-21) **F 176**

Rockwell, D. *(reviewer)* The Accuracy of Flow Measurements by Laser-Doppler Methods (BR) **DS 220**; *(reviewer)* Measurement of Unsteady Fluid Dynamic Phenomena (BR) **DS 220**; Prediction of Oscillation Frequencies for Unstable Flow Past Cavities (76-WA/FE-17) **F 294** (D) **F 299** (AC) **F 300**

Rockwell, D. O. Organized Fluctuations Due to Flow Past a Square Cross Section Cylinder (76-WA/FE-2) **F 511**; Vortex Stretching Due to Shear Layer Instability (76-WA/Flcs-11) **F 240** (D) (AC) **F 243**

Rocks
High-Pressure Jet-Drilling Experiments in Some Hard Rocks (76-Pet-50) **PVT 353**

Rod Bending
A Note on the Bending of Rods to a Specified Shape (76-WA/OcE-2) **I 456**

Rod Bundles
A Mathematical Model for Transient Subchannel Analysis of Rod-Bundle in Nuclear Fuel Elements (D) (AC) **HT 347**

Rodgers, C. An Experimental Study of Surge in Centrifugal Compressors (D) (AC) **F 130**; Impeller Stalling as Influenced by Diffusion Limitations **F 84** (D) **F 93–96** (AC) **F 97**; Influence of Inlet Flow Conditions and Geometries of Centrifugal Vaneless Diffusers on Critical Flow Angle for Reverse Flow (D) **F 102** (AC) **F 103**; The Time Domain of Centrifugal Compressor and Pump Stability and Surge (D) **F 61** (AC) **F 62**

Rodkiewicz, Cz. M. Thrust Bearing Characteristics in Impulsively Generated Motion **L 365**

Rogers, R. J. Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) **I 131**

Rogler, H. Free-Stream Vorticity Disturbances Adjusting to the Presence of a Plate—A Quarter-Plane Problem **AM 529**

Rohde, R. W. A Mechanical Equation of State for Inelastic Deformation of Iron: An Analytic Description (76-Mat-EE) **MT 59**

Rohde, S. M. A Class of Maximum Load Capacity Sector Thrust Bearings (D) **L 184**; (AC) **L 186**; Systems of Finite Elements for Finite Bearings (D) **L 194**; (AC) **L 196**; A Theoretical Analysis of a Compliant Shell Air Bearing (76-Lub-5) **L 75**

Rohsenow, W. M. Effect of Superheat and Cavity Size on Frequency of Bubble Departure in Boiling **HT 246**

Roller Bearings

Analysis of Tapered Roller Bearings Considering High Speed and Combined Loading (D) (AC) **L 140**

Reliability of Railroad Roller Bearings (76-LubS-18) **L 30**; (D) **L 36–39**; (AC) **L 39**

A Systems Approach to Determining Actual Misalignment and Load Distribution for Cylindrical Roller Bearings in Commercial Gear Trains (76-LubS-15) **L 41**; (D) **L 46–48**; (AC) **L 49**

Roller Drill Bits

Seals for Geothermal Roller Drill Bits (77-Pet-53) **PVT 614**

Roller Track System

Dynamic Life Estimation for Track Surfaces under Periodic Loadings and Nonuniform Backup Supports (D) **L 307**; (AC) **L 308**

Rollers

Optical Measurement of Oil Film Thickness Between Rollers (76-Lub-10) **L 290**; (D) (AC) **L 294**

Rolling Bodies

An Analysis of Wave Convection of Rolling Bodies **I 835**

Rolling Element Bearings

Transmissibility Study of a Flexibly Mounted Rolling Element Bearing in a Porous Bearing Squeeze-Film Damper (76-Lub-4) **L 50**

Vibrational Characteristics of Ball Bearings (76-Lub-8) **L 284**; (D) **L 288, 289**; (AC) **L 289**

Room Fires

Cooling of Room Fires by Sprinkler Spray **HT 353**

Root, L. E. A Systems Approach to Determining Actual Misalignment and Load Distribution for Cylindrical Roller Bearings in Commercial Gear Trains (D) **L 48**; (AC) **L 49**

Root, R. R. Application of a New Penalty Function Method to Design Optimization (76-DE-C) **I 31**; A Dependable Method for Solving Matrix Loop Equations for the General Three-Dimensional Mechanism (76-DET-53) **I 547**

Rosenberg, R. C. Mechanisms as Components of Dynamic Systems: A Bond Graph Approach (D) (AC) **I 509**

Rosenberg, R. M. *(reviewer)* Classical Dynamics (BR) **AM 517**

Rosenfield, A. R. Steady-State Crack Propagation in Pressurized Pipelines (76-PVP-7) **PVT 112**

Rosenthal, F. Cable Kinking Analysis and Prevention (D) (AC) **I 920**

Ross, A. L. Cable Kinking Analysis and Prevention (76-WA/DE-4) **I 112**

Rossetto, S. Fracture and Wear as Factors Affecting Stochastic Tool-Life Models and Machining Economics (75-WA/Prod-8) **I 281**

Rossow, M. P. Efficient Co Finite-Element Solution of Simply Supported Plates of Polygonal Shape (BN) **AM 347**

Rotary Drilling Operations

Prediction of Drilling Mud Rheology Using a Simplified Herschel-Bulkley Model **PVT 485**

Rotary Heat Exchangers

Heat and Mass Transfer in Rotary Heat Exchangers With Nonhygroscopic Rotor Materials **HT 196**; (Er) **HT 503**

Rotating Circular Cylinders

Lift on a Rotating Porous Cylinder **F 753**

Rotating Cylinders

The Effect of Thermal Diffusion on Flow Stability Between Two Rotating Cylinders **L 319**

Rotating Disks

Corner Crack at the Bore of a Rotating Disk (Er) **P 96**

Heat Transfer Between an Impinging Jet and a Rotating Disk (76-WA/HT-2) **HT 663**

Nonaxisymmetric Flow in the Narrow Gap Between a Rotating and a Stationary Disk With an Eccentric Source (TB) **F 418**

Prediction of Local Heat Transfer on a Rotating Disk By a Two-Equation Model of Turbulence (TN) **HT 151**

Rotating Ducts

Numerical Computation of Flow in Rotating Ducts (D) **F 433, 434**; (AC) **F 434, 435**

Rotating Flows

Turbulent Heat Transfer Studies in Annulus With Inner Cylinder Rotation (75-WA/HT-55) **HT 12**

Rotating Passages

Numerical Computation of Flow in Rotating Ducts (76-FE-25) **F 148**

Rotating Shafts

On the Transition of a Shaft Through Critical Speeds **DS 48**

Rotating Stationary Disks

Nonaxisymmetric Flow in the Narrow Gap Between a Rotating Stationary Disc With an Eccentric Source (D) (AC) **F 606**

Rotational Flow

On the Calculation of Three-Dimensional Divergent and Rotational Flow in Turbomachines **F 187**; (D) **F 427, 428**; (AC) **F 428**

Rotational Speed

Response of Infinite Journal Gas Bearings to Harmonic Perturbations in the Rotational Speed **L 428**

Rotatory Inertia

Transient Response of Three-Layered Rings (77-APM-21) **AM 299**

Roth, B. Application of Instantaneous Invariants to the Analysis and Synthesis of Mechanisms (76-DET-12) **I 97**

Rothe, P. H. The Time Domain of Centrifugal Compressor and Pump Stability and Surge (D) **F 61**; (AC) **F 62**

Rotodynamic Machines

A Regenerative Compressor (76-WA/PID-22) **I 637**

Rotor Bearing Systems

Finite Element Simulation of Rotor-Bearing Systems With Internal Damping (76-GT-89) **P 71**

Identification of Journal Bearing Characteristics **DS 167**

Rotor Blade Wakes

The Effect of Rotor Blade Wakes on Centrifugal Compressor Diffuser Performance—A Comparative Experiment **F 45**; (D) **F 50–52**; (AC) **F 52**

Rotor Blades

Elementary Three-Dimensional Interactive Rotor Blade Impact Analysis (D) (AC) **P 493**

Three-Dimensional Potential Flow and Effects of Blade Dihedral in Axial Flow Propeller Pumps (76-FE-24) **F 167**

Transonic Flow Around Rotor Blade Elements (D) **F 607**; (AC) **F 609**

Rotor Forgings

Defects and Fracture Strength of Large Rotor Forgings for Steam Turbines (75-Pwr-10) **P 134**; (D) (AC) **P 142**

Rotor Passages

Three-Dimensional Flow Field in Rocket Pump Inducers Part 2: Three-Dimensional Viscid Flow Analysis, and Hot Wire Data on Three-Dimensional Mean Flow and Turbulence Inside the Rotor Passage (75-WA/FE-21) **F 176**

Rotordynamics

Journal Bearing Impedance Descriptions for Rotordynamic Applications (76-Lub-24) **L 198**; (D) **L 211, 214**; (AC) **L 214**

Rotors

Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) **P 537**

Quantitative Density Visualization in a Transonic Compressor Rotor **P 460**

The Stability of a Flexible Rotor Supported by Circumferentially Fed Journal Bearings **L 469**

Stability of Squeeze-Film-Damper Supported Flexible Rotors (77-GT-51) **P 545**

Steady-State Performance of Squeeze Film Damper Supported Flexible Rotors (77-GT-52) **P 552**

Rough Walls

An Investigation of the Forces on Three Dimensional Bluff Bodies in Rough Wall Turbulent Boundary Layers (76-WA/FE-1) **F 503**; (D) (AC) **F 510**

A Model for High-Reynolds-Number Flow Past Rough-Walled Circular Cylinders (76-WA/FE-14) **F 486**; (D) (AC) **F 494**

Roughening

Workpiece Surface Roughening in a Hydrodynamically Lubricated Metal Forming Process (76-Lub-15) **L 10**

Roughness Characterization

First Effects of Stokes Roughness on Hydrodynamic Lubrication (76-Lub-12) **L 2**

Roughness Geometry

Roughness Element Geometry Required for Wind Tunnel Simulations of the Atmospheric Wind (76-WA/FE-18) **F 480**

Rouleau, W. T. Stability of Poiseuille Flow in Elastic Tubes **AM 18**

Round Bearings

Stochastic Characterization of Macro- and Microerrors of Journal Bearing Roundness (76-DET-51) **I 327**; (D) **I 334**; (AC) **I 335**

Rousseau, W. H. Practical Method for Estimating Number of Test Readings Required (D) **P 36**

Rousselet, J. Flutter of Articulated Pipes at Finite Amplitude (77-APM-9) **AM 154**

Routh Method

Recursive Algorithms for Routh Test in Continuous and Discrete Time **DS 146**

Routh-Hurwitz Stability Criterion

On Wake-Induced Flutter of a Circular Cylinder in the Wake of Another (77-APM-28) **AM 194**

Rowe, D. S. A Note on Velocity Distribution in Semi-Open Channels (D) **F 426**

Roy, S. C. Stresses in Nonhomogeneous Cylindrically Anisotropic Elastic Cylinder (BN) **AM 774**

Rozvany, G. I. N. Optimal Beam Layouts: The Free Edge Paradox **AM 693**; *(author)* Optimal Design of Flexural Systems: Beams, Grillages, Slabs, Plates, and Shells (BR) **AM 516**

Rubbing Marks

Determination of Plastic Contact Length Between Chip and Tool in Machining (TB) **I 802**

Rubel, A. J. KINSYN III: A New Human-Engineered System for Interactive Computer-Aided Design of Planar Linkages (76-DET-48) **I 440**

Rudinger, G. Velocity Distribution in an Abruptly Expanding Circular Duct **F 226**

Ruff, A. W. Particle Erosion Measurements on Metals (76-WA/Mat-1) **MT 121**

Rumbarger, J. H. A Systems Approach to Determining Actual Misalignment and Load Distribution for Cylindrical Roller Bearings in Commercial Gear Trains (D) **L 46**; (AC) **L 49**

Runge-Kutta Integration

On the Improvement of Deconvolution With Digitized Data Using a Runge-Kutta Integration Scheme **DS 190**

Runge-Kutta Method

The Flexibility of Curved Pipes in Creep (76-WA/PVP-4) **PVT 444**

Runstadler, P. W., Jr. An Experimental Investigation of Incompressible Channel Flow Near Transition (D) (AC) **F 698**; An Experimental Study of Surge in Centrifugal Compressors **F 115**; (D) **F 124-130**; (AC) **F 130**; "IRIS" A Computerized High Head Pump Turbine Design System (D) **F 578**; (AC) **F 579**; The Time Domain of Centrifugal Compressor and Pump Stability and Surge (D) **F 61**; (AC) **F 62**

Rupture Behavior

Creep and Rupture Behavior of Weld-Deposited Type 16-8-2 Stainless Steel at 593°C **MT 159**

S

Saberian, A. Natural Convection Mass Transfer at Salt-Brine Interfaces (76-HT-33) **HT 603**

Sac-Type Artificial Ventricles

Dynamic Model of a Sac-Type Pneumatically Driven Artificial Ventricle **BE 14**

In-Vitro and Predicted In-Vivo Performances of a Pneumatically Regulated Artificial Ventricle **BE 83**

A Model of a Sac-Type Artificial Ventricle in Mock Circulation **BE 33**

Sackman, J. L. An Alternative Representation of the Elastic-Viscoelastic Correspondence Principle for Harmonic Oscillations (77-APM-11) **AM 57**

Sadd, M. H. Non-Fourier Melting of a Semi-Infinite Solid **HT 25**

Sadek, M. M. Experimental Investigation of the Characteristics of Dynamic Cutting Process (76-Prod-A) **I 410**

Safety Valves

Steam Flow Through Safety Valve Vent Pipes (D) **F 264**; (AC) **F 265**

Sagartz, M. J. Dynamic Fracture of 6061-T6 Aluminum Cylinders (77-WA/APM-14) **AM 643**; Transient Response of Three-Layered Rings (77-APM-21) **AM 299**

Saldo, K. Spectral Absorption of Water Vapor and Carbon Dioxide Mixtures in the 2.7 Micron Band **HT 53**

Saint-Venant's Principle

Saint-Venant's Principle and End Effects in Anisotropic Elasticity (77-WA/APM-11) **AM 424**

Saint-Venant's Principle and the Torsion of Thin Shells of Revolution (D) (AC) **AM 361**

Saito, H. Forced Vibrations of a Mass Connected to an Elastic Half Space by a Spring (BN) **AM 788**. Mass Transfer and Pressure Rise in Moist Porous Material Subjected to Sudden Heating **HT 105**

Saka, N. Delamination Wear of Dispersion-Hardened Alloys (76-WA/Prod-29) **I 289**

Sakurai, A. Transient Pool Boiling Heat Transfer—Part 1: Incipient Boiling Superheat **HT 547**; Part 2: Boiling Heat Transfer and Burnout **HT 554**

Salimonu, D. O. Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) **L 224**

Salt Aerosol Generation

Real-Time Test Techniques for Sea-Salt Aerosol-Separator Evaluation (77-GT-29) **P 580**

Salt-Brine Interfaces

Natural Convection Mass Transfer at Salt-Brine Interfaces **76-HT-33 HT 603**

Salt Domes

On the Structural Behavior of Progressively Mined Solution Cavities in Salt **AM 565**

Saltsman, J. F. Application of Strainrange Partitioning to the Prediction of Creep-Fatigue Lives of AISI Types 304 and 316 Stainless Steel (76-PVP-26) **PVT 264**

Samans, C. H. Current Progress in Materials Development for Coal Conversion **MT 372**

Samson, A. Dynamics of a Freely Swinging Compound Pendulum (TB) **I 911**

Samudra, A. V. Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) **L 152**. (D) **L 156**. (AC) **L 157**

Samuels, M. Mean Temperature Difference in Odd-Tube-Pass Heat Exchangers (TN) **HT 487**

Sanborn, D. M. Effects of Load, Speed, and Surface Roughness on Sliding EHD Contact Temperatures (76-Lub-23) **L 254**. (D) **L 261**. (AC) **L 262**

Sandgren, E. Application of a New Penalty Function Method to Design Optimization (76-DE-C) **I 31**

Sandgren, E. A Dependable Method for Solving Matrix Loop Equations for the General Three-Dimensional Mechanism (76-DET-53) **I 547**

Sandler, B. Z. The Use of A Random Algorithm for Dynamic Optimization of Mechanisms (76-WA/DE-22) **I 153**

Sandor, G. N. Analytical Design of Cam-Type Angular-Motion Compensators (76-DET-22) **I 381**. (D) (AC) **I 386**. Elastodynamic Analysis of a Completely Elastic System (76-DET-32) **I 604**

Sandstones

Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) **PVT 187**

Sandwich Beams

Frequency and Loss Factors of Tapered Symmetric Sandwich Beams (BN) **AM 511**

Sanger, N. L. Loss Sources and Magnitudes in Axial-Flow Compressors (D) (AC) **P 297**

Sankar, T. S. Dynamic Response of Elastic Rods Under Parametric Excitations (76-DE-G) **I 41**. Stochastic Characterization of Macro- and Microerrors of Journal Bearing Roundness (76-DET-51) **I 327**. (D) **I 334**. (AC) **I 335**

Sarpkaya, T. Potential Flow Model for an Impulsively Started Circular Cylinder (D) (AC) **AM 187**

Sato, K. Local Mass Transfer From Rotating Wedge-Shaped Blades **HT 634**

Sator, F. G. Inverse Computation of Profile Shapey for Given Transonic Flow-Configurations With and Without Detached Bow-Shocks in Two-Dimensional Turbomachinery Cascades (77-GT-33) **P 601**

Saturated Liquids

Freezing-Controlled Penetration of a Saturated Liquid Into a Cold Tube **HT 233**

Sauter Mean Diameter

The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays—Part I: The Drop-Size/Volume-Fraction Distribution (76-WA/GT-9) **P 309**. Part II: The Drop-Size/Number Distribution (76-WA/GT-10) **P 315**

Savery, C. W. Heat Transfer in the Entrance Region of a Straight Channel: Laminar Flow With Uniform Wall Heat Flux (TN) **HT 142**

Savilonis, B. J. Comparison of Diastolic Ventricular Mechanics for Rigid Leaflet and Caged-Ball Prosthetic Valves **BE 178**

Savkar, S. D. A Brief Review of Flow Induced Vibrations of Tube Arrays in Cross-Flow (76-WA/FE-21) **F 517**. A Note on the Phase Relationships Involved in the Whirling Instability in Tube Arrays **F 727**. (D) **F 730**. (AC) **F 731**

Sawan, M. E. Analysis of Conduction-Controlled Rewetting of a Vertical Surface (D) (AC) **HT 502**

Sayles, R. S. Stiffness of Machine Tool Joints: A Random-Process Approach (76-WA/Prod-23) **I 250**

Scanlan, R. H. *(reviewer)* Flow-Induced Vibration (BR) **AM 802**

Scanning Electron Microscopy

Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) **L 152**. (D) **L 156**. (AC) **L 157**

Particle Size Analysis of Cotton Dust Using Scanning Electron Microscopy (76-Tex-3) **I 56**

Scarton, H. A. Flow-Induced Bending of Rectangular Plates (77-APM-14) **AM 207**. *(reviewer)* Foundations of Biophysics (BR) **AM 367**. Measurements of Velocity Wave Form in the Dog Aorta (D) **F 606, 607**. (AC) **F 607**

Scattering

A Self-Consistent Approach to Multiple Scattering by Elastic Ellipsoidal Inclusions (77-WA/APM-25) **AM 657**

Scattering Media

Influence of Substrate Properties on the Apparent Emittance of an Isothermal Isotropically Scattering Medium **HT 208**

Scattering Spectrometer System

Applications of a Scattering Spectrometer System for Marine Aerosol Measurement (77-GT-32) **P 533**

Real-Time Test Techniques for Sea-Salt Aerosol-Separator Evaluation (77-GT-29) **P 580**

Scavuzzo, R. J. Decoupling of Undamped Vibration Systems (77-PVP-7) **PVT 553**

Schapiro, S. M. Nonlinear Behavior of Flutter Unstable Dynamical Systems With Gyroscopic and Circulatory Forces **AM 755**

Schey, J. A. The Transport and Breakdown of Solid Lubricants in a Simple Forging Operation (D) **L 234**. (AC) **L 235**

Schimmel, W. P., Jr. Effective Thermal Diffusivity for a Multimaterial Composite Laminate (75-WA/HT-90) **HT 466**

Schlader, A. F. The Pulsed Thermocouple for Gas Turbine Application (76-GT-1) **P 1**

Schmidt, A. O. Fracture and Wear as Factors Affecting Stochastic Tool-Life Models and Machining Economics (D) (AC) **I 508**

Schmidt, D. P. Measurement of the Three-Dimensional Flow Field Behind an Axial Compressor Stage (D) **P 179**. (AC) **P 180**

Schmidt, F. W. Design Optimization of a Single Fluid, Solid Sensible Heat Storage Unit (76-WA/HT-64) **HT 174**

Schmidt, R. Removal of an Anomaly in the Perturbation Analysis of a Flexible Plate Sealing an Incompressible Liquid (BN) **AM 498**

Schmidt, W. F. Submarine Pipeline Analysis With an Elastic Foundation by the Finite Element Method (76-WA/OcE-5) **I 480**

Schneck, D. J. Pulsatile Blood Flow in a Channel of Small Exponential Divergence—III: Unsteady Flow Separation **F 333**

Schnurr, M. N. Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) **HT 580**

Schofield, W. H. Response of a Turbulent Pipe Flow to a Change in Roughness (D) **F 553**. (AC) **F 554**

Schreyer, H. L. Inverse Solutions for One-Dimensional Seismic Waves in Elastic, Inhomogeneous Media **AM 469**

Schrock, V. E. Flashing Flow of Initially Subcooled Water in Convergent-Divergent Nozzles (76-HT-12) **HT 263**. **HT 647**. Performance of a Spray Pond for Nuclear Power Plant Ultimate Heat Sink (75-WA/HT-41) **P 650**

Schuldt, S. B. Application of a New Penalty Function Method to Design Optimization (76-DE-C) **I 31**

Schultz, G. C. A Computer Simulation Model for Determining Fleet Size and Composition (76-WA/Mgt-1) **I 157**

Schwalbe, K.-H. Finite Element Solutions of Crack-Tip Behavior in Small Scale Yielding (D) **MT 186**. (AC) **MT 187**

Schwarz-Neumann Technique

Application of Schwarz-Neumann Technique to Fully Developed Laminar Heat Transfer in Noncircular Ducts (TN) **HT 332**

Scleral Rigidity

The Elasticity of Sclera and Choroid of the Human Eye, and Its Implications on Scleral Rigidity and Accommodation **BE 203**

Scott, C. J. Free Turbulent Shear Layers on Plug Nozzles **F 301**. (D) **F 308, 309**. (AC) **F 310**. Turbulent Heat Transfer Studies in Annulus With Inner Cylinder Rotation (75-WA/HT-55) **HT 12**

Screw Compressors

The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors (76-WA/PID-15) **I 749**

Screw Triangle Geometry

Synthesis of a Six-Link Spatial Mechanism via Screw Triangle Geometry, Successive Screw Displacements, and Pair Geometry Constraints (76-DET-46) **I 532**

Sea Ice Dynamics

Simulation of Sea Ice Dynamics During AIDJEX **PVT 491**

Sea Ice Fracture

The Deflection of an Ice Sheet by a Submerged Gas Source **AM 279**

Sea-Salt Aerosol Separators

Real-Time Test Techniques for Sea-Salt Aerosol-Separator Evaluation (77-GT-29) **P 580**

Seals

Seals for Geothermal Roller Drill Bits (77-Pet-53) **PVT 614**

Search Algorithms

A Computer Simulation Model for Determining Fleet Size and Composition (76-WA/Mgt-1) **I 157**

Seasonal Efficiency

Improvement of Seasonal Efficiency of Residential Heating Systems (76-WA/Fu-7) **P 329**. (D) **P 333, 334**. (AC) **P 334**

Seasonal Frost Areas

Thermal Design of Pavement Structures in Seasonal Frost Areas **HT 533**

Secondary Flow Hypothesis

Treatment of the Annulus Wall Boundary Layer Using a Secondary Flow Hypothesis (76-GT-52) **P 29**

eSecondary Flows

Secondary Flows in Compressor Bladings (76-GT-57) **P 211**

Secondary Fluids

Film Cooling With Large Density Differences Between the Mainstream and the Secondary Fluid Measured by the Heat-Mass Transfer Analogy **HT 620**

Sector Pads

An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (76-Lub-9) **L 82**

A Class of Maximum Load Capacity Sector Thrust Bearings (76-Lub-6) **L 180**. (D) **L 184**. (AC) **L 186**

Seeley, R. R. Fracture Toughness Properties of SA540 Steels for Nuclear Bolting Applications **PVT 419**

Seismic Design

Seismic Design Study on Cantilever Cylindrical Shells (77-PVP-14) **PVT 600**

Seismic Waves

Inverse Solutions for One-Dimensional Seismic Waves in Elastic, Inhomogeneous Media **AM 469**

Seismology

Application of Elastic Waves in Electrical Devices, Nondestructive Testing, and Seismology (BR) **AM 800**

Seizure

On the Calculation of Seizure Considering the Plastic Flow of the Surficial Layers (Er) **L 142**

Seki, N. A Criterion of Onset of Free Convection in a Horizontal Melted Water Layer With Free Surface **HT 92**. Mass Transfer and Pressure in Moist Porous Material Subjected to Sudden Heating **HT 105**

Sekine, H. Crack Problem for a Semi-Infinite Solid With Heated Bounding Surface **AM 637**

Self-Aligning Journal Gas Bearings

On the Dynamic Stability of Self-Aligning Journal Gas Bearings **L 434**

Self-Excited Loads

Self-Excited Aeroelastic Instability of a Bridge Deck (76-WA/FE-25) **F 452**

Self-Tuning Methods

Process Control Experience and a Self-Tuning Method for a

Discrete-Time, Finite Time Settling Controller/Observer (TB) **DS 209**

Semicircular Edge Notch
On Solution of a Semicircular Edge Notch (BN) **AM 494**

Semi-Infinite Cracks
Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) **AM 243**

Semi-Infinite Solids
Crack Problem for a Semi-Infinite Solid With Heated Bounding Surface **AM 637**
Non-Fourier Melting of a Semi-Infinite Solid **HT 25**

Semi-Infinite Strips
The Plane Symmetric Contact Problem for Dissimilar Elastic Semi-Infinite Strips of Different Widths (77-WA/APM-13) **AM 604**

Semi-Open Channels
A Note on Velocity Distribution in Semi-Open Channels (D) **F 426**

Semipermeable Boundaries
Diffusion Transport in a Liquid Solution With a Moving, Semipermeable Boundary **HT 322**

Sen, S. The Influence of Drying and Stress on the Permeability of Texas Lignite (77-Pet-26) **PVT 634**

Sendeckyj, G. P. On the Changing Order of Singularity at a Crack Tip (77-WA/APM-15) **AM 625**

Sengupta, S. A Three-Dimensional Rigid-Lid Model for Closed Basins (76-WA/HT-21) **HT 656**

Senoo, Y. Asymmetric Flow in Vaneless Diffusers of Centrifugal Blowers **F 104**; (D) **F 111, 112**; (AC) **F 113**; Deceleration Rate Parameter and Algebraic Prediction of Turbulent Boundary Layer (76-WA/FE-7) **F 390**; (D) (AC) **F 394**; Influence of Inlet Flow Conditions and Geometries of Centrifgual Vaneless Diffusers on Critical Flow Angle for Reverse Flow **F 98**; (D) **F 102**; (AC) **F 103**; Prediction of Flow Separation in a Diffuser by a Boundary Layer Calculation (76-WA/FE-6) **F 379**; (D) **F 387**; (AC) **F 388**

Sensor/Gain-Block Analysis
Fluidic Thermistors or Fluidic Temperature Sensing With Capillaries (76-WA/TM-1) **P 406**; (D) (AC) **P 411**

Sensors
State Estimation and Parameter Identification of Freely Spinning Flexible Spacecraft **DS 51**

Separated Flow
Heat Transfer in an Axisymmetric Separated and Reattached Flow Over a Longitudinal Blunt Circular Cylinder (TN) **HT 155**

Sequential Estimation Procedures
Sequential Estimation of Thermal Parameters **HT 314**

Series Capacitors
Measurements of Torsional Dynamic Characteristics of the San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) **P 378**; (D) (AC) **P 383**

Series-Parallel Identification Schemes
Series-Parallel and Parallel Identification Schemes for a Class of Continuous Nonlinear Systems (TB) **DS 137**

Server, W. L. A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) **PVT 470**

Servomechanisms
Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) **I 766**

Seth, B. Optical Measurement of Oil Film Thickness Between Rollers (76-Lub-10) **L 290**; (D) (AC) **L 294**

Sethna, P. R. Nonlinear Behavior of Flutter Unstable Dynamical Systems With Gyroscopic and Circulatory Forces **AM 755**

Seven-Link Mechanisms
Displacement Analysis of Spatial Seven-Link 5R-2P Mechanisms (76-DET-39) **I 692**

Sewage Effluents
Prediction of Turbulent Forced Plumes Issuing Vertically Into Stratified or Uniform Ambients **HT 99**

Seymour, B. R. The Effect of Reflections on Nonlinear, Transient Pulse Propagation in Laminated Composites **AM 683**

Sfeir, A. A. Continuous Casting of Cylindrical Ingots **HT 29**

Shabaik, A. H. A Modified Tension Test **MT 252**

Shabara, M. A. The Effect of Stress Ratio on Fatigue Crack Growth in a Biaxial Stress Field (76-PVP-37) **PVT 137**

Shade, D. J. Some Adverse Effects of Stress Corrosion in Steam Turbines (76-IPC-Pwr-8) **P 255**

Shadowgraphs
Boundary-Layer Instability Observations at Mach Number 7 **AM 7**

Shafts
Prediction of Torsional Strength of Tubes **P 476**
On the Transition of a Shaft Through Critical Speeds **DS 48**

Shah, R. C. On Through Cracks at Interference Fit Fasteners (76-PVP-5) **PVT 75**

Shaking Force Balancing
The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) **I 715**

Shaking Moment
The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) **I 715**

Shallow Arches
Natural Structural Shapes of Shallow Arches (77-APM-31) **AM 291**

Shallow Shell Theory
Admissible Singular Solutions and the Hypercircle Method in Shallow Shell Theory (76-APM-UU) **AM 117**
Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) **AM 264**

Shape Composition
Shape and Frequency Composition of Pulses from an Impact Pair (76-DET-36) **I 513**

Shape Factors
Calculation of Shape Factors Between Rings and Inverted Cones Sharing a Common Axis (TN) **HT 492**

Shapiro, A. H. Steady Flow in Collapsible Tubes **BE 126**

Sharma, B. I. The Calculation of Turbulent Boundary Layers on Spinning and Curved Surfaces **F 231**; Prediction of Local Heat Transfer on a Rotating Disk by a Two-Equation Model of Turbulence (TN) **HT 151**

Sharma, M. P. The Particle-Source-In Cell (PSI-CELL) Model for Gas-Droplet Flows **F 325**

Sharma, P. B. Treatment of the Annulus Wall Boundary Layer Using a Secondary Flow Hypothesis (76-GT-52) **P 29**

Sharp Cones
Hypersonic Viscous Shock Layer Calculation of Leeward Vortex-Induced Heat Transfer on a Sharp Cone at a High Angle of Attack (76-HT-43) **HT 307**

Sharp-Edge Metering Orifices
An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) **P 343**

Shaughnessy, E. J. Natural Convection in Liquid Metals in an Enclosure (TN) **HT 675**; Thermoconvective Motion of Low Prandtl Number Fluids Within a Horizontal Cylindrical Annulus **HT 596**

Shavit, A. Nonaxisymmetric Flow in the Narrow Gap Between a Rotating and a Stationary Disk With an Eccentric Source (TB) **F 418**

Shaw, M. C. Cut-Forming: A New Method of Producing Wire (76-WA/Prod-12) **I 225**; Wear of Abrasives in Simulated Hot Grinding **L 415**

Shear
Lower Bounds to the Collapse Load of a Thick Circular Cylinder Subjected to Internal Pressure and Shear (BN) **AM 766**
A Note on Dynamic Axial Shear of a Compressible Hyperelastic Solid (BN) **AM 342**

Shear Beams
Transient Response of a Shear Beam to Correlated Random Boundary Excitation (77-APM-24) **AM 487**

Shear Deformation
A Shear Correction for Simply Supported Rectangular Plates (BN) **AM 502**
Transient Response of Three-Layered Rings (77-APM-21) **AM 299**

Shear Flow
Modified Tietjens Function for Asymptotic Analysis of Shear Flow Stability (TB) **F 256**

Shear Layer Instability
Prediction of Oscillation Frequencies for Unstable Flow Past Cavities (76-WA/FE-17) **F 294**; (D) **F 299**; (AC) **F 300**
Vortex Stretching Due to Shear Layer Instability (76-WA/Flcs-11) **F 240**; (D) (AC) **F 243**

Shear Layers
Free Turbulent Shear Layers on Plug Nozzles **F 301**; (D) **F 308, 309**; (AC) **F 310**
Mass Diffusion from a Point Source in a Neutral Turbulent Shear Layer **HT 433**

Shear Planes
Experimental Investigation of the Characteristics of Dynamic Cutting Process (76-Prod-A) **I 410**

Shear Stress
Direct Measurement of Wall Shear Stress With Mass Transfer in a Low Speed Boundary Layer **F 580**

Sheer, R. E. Fan Inlet Disturbances and Their Effect on Static Acoustic Data (77-GT-63) **P 608**

Sheet-Metal Forming
The Influence of Strain Hardening and Strain-Rate Sensitivity on Sheet Metal Forming **MT 264**

Sheet-Metal Laminates
Influence of Interstage Annealing on the Stretch-Formability of Sheet-Metal Laminates (76-Mat-U) **MT 42**

Sheet Metals
Assessment of Deep-Drawability and Stretchability by Bulge Test of Concentrically Grooved Metal Disks (76-WA/Prod-14) **I 229**
On the Drawability of Sheet Metal in Noncircular Cups (76-WA/Prod-2) **I 615**

Shehata, A. Mohsen Fatigue Under Wide Band Random Stresses Using the Rain-Flow Method **MT 205**

Sheldon, G. L. Effects of Surface Hardness and Other Material Properties on Erosive Wear of Metals by Solid Particles (76-WA/Mat-8) **MT 133**; Erosion of a Tube by Gas-Particle Flow (76-WA/Mat-9) **MT 138**

Shell Axis
Stress Concentration Around an Elliptic Hole in a Cylindrical Shell Under Torsion With Major Axis of the Hole Perpendicular to the Shell Axis (BN) **AM 184**

Shell Heat Exchangers
Mean Temperature Difference in Odd-Tube-Pass Heat Exchangers (TN) **HT 487**

Shell-Side Pressure Drop
A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) **P 441**

Shells
Buckling of Cylindrical Shells Subjected to Nonuniform Axial Loads (77-WA/APM-12) **AM 714**
Critical Velocity for Collapse of Viscoplastic Cylindrical Shells Without Buckling **AM 89**
Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) **AM 112**; (Er) **AM 513**
Experimental Studies on the Buckling Under Axial Compression of Integrally Stringer-Stiffened Circular Cylindrical Shells **AM 721**
Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) **PVT 454**
Optimal Structural Design of Flexural Systems: Beams, Grillages, Slabs, Plates, and Shells (BR) **AM 516**
Pseudo-Cylindrical Shells: a New Concept for Undersea Structures (76-WA/OcE-6) **I 485**
Response of Fluid-Elastically Coupled Coaxial Cylindrical Shells to External Flow **F 319**
Stable Postbuckling Equilibria of Axially Compressed, Elastic Circular Cylindrical Shells: A Finite-Element Analysis and Comparison With Experiments (77-WA/APM-9) **AM 475**
Stresses Around a Rib-Reinforced Elliptic Hole in a Circular Cylindrical Shell Under Tension (76-PVP-13) **PVT 12**
The Transient Motion of a Cylindrical Shell of Arbitrary Cross Section in an Acoustic Medium (77-APM-33) **AM 482**

Shells of Revolution
Saint-Venant's Principle and the Torsion of Thin Shells of Revolution (D) (AC) **AM 361**

Shen, C. N. Applications of a Scattering Spectrometer System for Marine Aerosol Measurement (77-GT-32) **P 533**; Real-Time Test Techniques for Sea-Salt Aerosol-Separator Evaluation (77-GT-29) **P 580**

Sherman, R. A. A History of the ASME Fuels Division **P 261**

Shibani, A. A. A Solution of Freezing of Liquids of Low Prandtl Number in Turbulent Flow Between Parallel Plates **HT 20**

Shiembob, L. T. Friction and Wear of Sintered Fibermetal Abradable Seal Materials **L 421**

Shigley, J. E. On the Design of Bolted Connections With Gaskets Subjected to Fatigue Loading (D) (AC) **I 393**

Shih, C. F. An Improved Method for Numerical Integration of Constitutive Equations of the Work Hardening-Recovery Type (TB) **MT 275**

Shimada, Y. Heat Transfer From A Horizontal Plate Facing Upward to Superposed Liquid-Layers With Change

of Phase (76-WA/HT-1) **HT 568**

Shimal, A. The Behavior of Bubbles in Non-Newtonian Lubricants **L 445**

Shimono, M. Lower Bounds to the Collapse Load of a Thick Circular Cylinder Subjected to Internal Pressure and Shear (BN) **AM 766**

Shimizu, J. Laminarization in Low Reynolds Number Turbulent Duct Flows (TN) **HT 682**; Local Mass Transfer From Rotating Wedge-Shaped Blades **HT 634**

Shindo, Y. The Linear Magnetoelastic Problem for a Soft Ferromagnetic Elastic Solid With a Finite Crack **AM 47**

Shiotsu, M. Transient Pool Boiling Heat Transfer—Part 1: Incipient Boiling Superheat **HT 547**; Part 2: Boiling Heat Transfer and Burnout **HT 554**

Ship Machinery

On Some Problems Associated With Vibration Isolation of Ship Machinery (76-DE-A) **I 24**

Shock

Shock and Vibration Computer Programs, Reviews and Summaries (BR) **AM 367**

Shock and Vibration Handbook (BR) **AM 364**

Shock Layers

Hypersonic Viscous Shock Layer Calculation of Leeward Vortex-Induced Heat Transfer on a Sharp Cone at a High Angle of Attack (76-HT-43) **HT 307**

Shock Waves

Selected Topics in Wave Propagation (BR) **AM 518**

Shock Wave and Flow Velocity Measurements in a High Speed Fan Rotor Using the Laser Velocimeter (76-GT-49) **P 181**; (D) (AC) **P 188**

Shoemaker, H. D. The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) **PVT 192**

Shoup, T. E. Design of Four-Bar Function Generators With Mini-Max Transmission Angle (D) **I 365**; (AC) **I 366**

Shrader, R. E. Erosion of Powder Metallurgy Aluminum Alloys by Hot Propellant Gases (76-Mat-L) **MT 36**

Shrivastava, S. K. A Modal Analysis for the Damped Linear Gyroscopic Systems **AM 750**

Shrouded Fan Blades

Optical Determination of Rotating Fan Blade Deflections (76-GT-48) **P 204**; (D) (AC) **P 210**

Shuck, L. Z. The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) **PVT 192**; Stress Response Investigations Related to In-Situ Gasification of Coal (77-Pet-25) **PVT 627**

Shuttleworth, E. P. Effects of Load, Speed, and Surface Roughness on Sliding EHD Contact Temperatures (D) **L 261**; (AC) **L 262**

Sidell, R. S. An Efficient Simulation Method for Distributed Lumped Fluid Networks (76-WA/Flcs-1) **DS 34**

Siegmund, C. W. Particulate Emissions from Residual Fuel Fired Boilers: Influence of Combustion Modification (76-WA/APC-3) **P 371**

Sierakowski, R. Elementary Three-Dimensional Interactive Rotor Blade Impact Analysis (D) (AC) **P 493**

Signal Synthesis Model

The Design of a Signal Synthesis Model Reference Adaptive Control System for Linear Unknown Plants **DS 123**

Sih, G. C. *(editor)* Linear Fracture Mechanics (BR) **AM 367**

Sikka, V. K. Assessment of Tensile and Creep Data for Types 304 and 316 Stainless Steel (76-PVP-31) **PVT 298**

Silicon Carbide Particles

Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) **MT 147**

Silvestri, G. J. Revised International Representations for the Viscosity of Water and Steam and New Representations for the Surface Tension of Water **P 664**

Similtses, G. J. Nonlinear Stability Analysis of an Eccentrically Loaded Two-Bar Frame **AM 701**; Snap-Through Buckling of the Low Arch by the Trefftz Criterion (BN) **AM 169**

Simmonds, J. G. Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) **AM 264**; Timoshenko Beam Theory Is Not Always More Accurate Than Elementary Beam Theory (BN) **AM 337**

Simmons, H. C. The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays—Part I: The Drop-Size/Volume Fraction Distribution (76-WA/GT-9) **P 309**; Part II: The Drop-Size/Number Distribution (76-WA/GT-10) **P 315**

Simon, H. A. Heat Transfer in Curved Tubes With Pulsatile, Fully Developed Laminar Flows **HT 590**

Simply Supported Edge Conditions

Free-Vibration Analysis of Rectangular Plates With Clamped-Simply Supported Edge Conditions by the Method of Superposition **AM 743**

Simpson, R. L. Oscillating Turbulent Flow in a Conical Diffuser (D) **F 790**; (AC) **F 791**

Simpson, W. J. Acoustodynamics of the Longitudinal Collinear Impact of Finite Elastic Cylinders (76-WA/DE-19) **I 144**

Simulation

An Improved Symbolic Manipulation Technique for the Simulation of Nonlinear Dynamic Systems With Mixed Time-Varying and Constant Terms **DS 157**

Simulation Methods

An Efficient Simulation Method for Distributed Lumped Fluid Networks (76-WA/Flcs-1) **DS 34**

Simulator Prosthesis

An Electrohydraulic Knee-Torque Controller for a Prosthesis Simulator (76-WA/Bio-10) **BE 3**

Simon, J. M. Computerized Synthesis of Straight-Line Four-Bar Linkages from Inflection Circle Properties (76-DET-27) **I 610**

Singer, J. Experimental Studies on the Buckling Under Axial Compression of Integrally Stringer-Stiffened Circular Cylindrical Shells **AM 721**

Singh, A. Effect of Superheat and Cavity Size on Frequency of Bubble Departure in Boiling **HT 246**

Singh, B. Radiative Heating in Ice **HT 227**

Singh, D. V. Static and Dynamic Analysis of Capillary Compensated Hydrostatic Journal Bearings by Finite Element Method **L 478**

Singh, K. P. A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) **P 441**

Singh, P. P. A Potential Low NOx Emission Combustor for Gas Turbines Using the Concept of Hybrid Combustion (77-GT-15) **P 631**

Singh, R. "IRIS" A Computerized High Head Pump Turbine Design System (D) **F 578**; (AC) **F 579**

Singh, S. N. Single-Axis Gyroscopic Motion With Uncertain Angular Velocity About Spin Axis **DS 259**

Singh, V. K. Fatigue Damage Detection in 2024-T3 Aluminum, Titanium, and Low Carbon Steel by Optical Correlation **MT 319**

Singhania, S. K. An Experimental Investigation of the Control of Surge in Radial Compressors Using Close Coupled Resistances **F 64**; (D) **F 74**; (AC) **F 75**

Single-Bit Tooth

Deviation Forces Arising from Single Bit Tooth Indentation of an Anisotropic Porous Media (76-Pet-52) **PVT 362**

Single Crystals

Derivation of Polycrystal Creep Properties From the Creep Data of Single Crystals (77-APM-8) **AM 73**

Single-Injury Tool-Life Model

Tool-Life Distributions—Part 1: Single-Injury Tool-Life Model (76-WA/Prod-36) **I 519**; (D) **I 528**; (AC) **I 531**

Single-Phase Models

Analytical Solutions for Single- and Two-Phase Models of Packed-Bed Thermal Storage Systems (TN) **HT 489**

Single-Point Tools

Influence of Flank Wear on the Stresses in a Cutting Tool (76-WA/Prod-30) **I 566**

Singular Loads

Admissible Singular Solutions and the Hypercircle Method in Shallow Shell Theory (76-APM-UU) **AM 117**

Singular Parabolic Equations

Singular Parabolic Partial-Differential Equations That Arise in Impulsive Motion Problems **AM 396**

Singularity

On the Changing Order of Singularity at a Crack Tip (77-WA/APM-15) **AM 625**

Singulation Transport Model

An Analysis of Wave Convection of Rolling Bodies **I 835**

Sinhasan, R. Static and Dynamic Analysis of Capillary Compensated Hydrostatic Journal Bearings by Finite Element Method **L 478**

Sintered Aluminum Powder

Erosion of Powder Metallurgy Aluminum Alloys by Hot Propellant Gases (76-Mat-L) **MT 36**

Sintered Fibermetals

Friction and Wear of Sintered Fibermetal Abradable Seal Materials **L 421**

Sintered Preforms

A Fracture Criterion for Porous Materials and Its Application to the Shape of Sintered Preforms in Forging **MT 16**

Sisto, F. REVIEW—A Review of the Fluid Mechanics of Aeroelasticity in Turbomachines **F 40**

Siu, T. K. Parameter Optimization for Linear Quadratic Differential Games **DS 58**

Siuru, W. D., Jr. Response of a Turbulent Pipe Flow to a Change in Roughness (77-FE-3) **F 548**; (D) **F 553, 554**; (AC) **F 554**

Six-Link Mechanisms

Existence Criteria of Two-Loop Six-Link R-R-C-C-R-C-C Spatial Mechanism (76-DET-38) **I 630**

Sixsmith, H. A Regenerative Compressor (76-WA/PID-22) **I 637**

Skewed Plates

Analysis of Combined Pressure-Shear Waves in an Elastic/Viscoplastic Material **AM 79**

Skin Friction

Analysis of Effects of Free-Stream Turbulence on Heat Transfer and Skin Friction **HT 614**

Experimental Study of Error Sources in Skin-Friction Balance Measurements **F 197**

Slabs

Optimal Structural Design of Flexural Systems: Beams, Grillages, Slabs, Plates, and Shells (BR) **AM 516**

Slade, R. A. Thermally Induced Migration of Hydrocarbon Oil **L 158**

Siegel, D. L. Transient Heat and Mass Transfer in Soils in the Vicinity of Heated Porous Pipes **HT 541**

Slender Beams

The Effect of Principal Bending Curvature on the Lateral Buckling of Uniform Slender Beams (77-APM-22) **AM 311**

Slender Bodies

The Near-Field Disturbance Created by a Body in a Stratified Medium With a Free Surface (77-WA/APM-18) **AM 534**

Slender Channels

Entry Flow in Straight and Curved Channels With Slender Channel Approximations (77-FE-2) **F 666**; (D) **F 673**; (AC) **F 674**

Slider-Crank Mechanisms

Displacement Analysis of Spatial Seven-Link 5R-2P Mechanisms (76-DET-39) **I 692**

Elastodynamic Analysis of a Completely Elastic System (76-DET-32) **I 604**

Slider Thrust Bearings

An Estimation of the Effect of Fluid Inertia on the Performance of the Plane Inclined Slider Thrust Bearing With Particular Regard to Turbulent Lubrication **L 129**

Sliding Seals

Experimental Verification of Thermoelastic Instabilities in Sliding Contact (76-Lub-21) **L 359**; (D) **L 364**

Sliding Speeds

Effects of Load, Speed, and Surface Roughness on Sliding EHD Contact Temperatures (76-Lub-23) **L 254**; (D) **L 261**; (AC) **L 262**

Sliding Surfaces

Three-Dimensional Analysis of Sliding Surfaces During High Velocity Impact (BN) **AM 771**

Sliding Wear

Delamination Wear of Dispersion-Hardened Alloys (76-WA/Prod-29) **I 289**

Slip

Derivation of Polycrystal Creep Properties From the Creep Data of Single Crystals (77-APM-8) **AM 73**

Slug Flow

Combined Radiation—Convection for a Real Gas (76-HT-58) **HT 60**

Vertically Downward Two-Phase Slug Flow (D) (AC) **F 263**

Slug-Type Vapor Bubbles

Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) **HT 392**

Sluzalis, L. L. Materials Consideration for the BIGAS Coal Gasification Pilot Plant (76-PVP-41) **PVT 322**

Small, R. D. Thermal Traces of a Buried Heat Source **HT 47**

Small-Scale Yielding

Finite Element Solutions of Crack-Tip Behavior in Small Scale Yielding (D) **MT 186**; (AC) **MT 187**

Smalley, A. J. The Fluid Pivot Journal Bearing (D) **L 127**; (AC) **L 128**

Smith, C. C. An Analytical and Experimental Study of Automobile Dynamics With Random Roadway Inputs **DS 284**

Smith, C. O. Failure of a Welded Blower Fan Assembly (76-WA/Mat-2) **MT 83**

Smith, C. R., Jr. An Experimental and Theoretical

Investigation of Hypothermia in Dogs **BE 195**

Smith, C. V. Jr. Hamilton, Ritz, and Elastodynamics (D) (AC) **AM 796**

Smith, E. E. *(author)* Applied Mechanics: More Dynamics (BR) **DS 70**

Smith, H. H. Effect of Hold-Time on Elevated Temperature Fatigue Crack Propagation in Types 304 and 316 Stainless Steels (D) (AC) **MT 282**

Smith, J. A. On the Design of Bolted Connections With Gaskets Subjected to Fatigue Loading (D) (AC) **I 393**

Smith, L. T. An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) **P 343**

Smith, M. B. Deviation Forces Arising from Single Bit Tooth Indentation of an Anisotropic Porous Media (76-Pet-52) **PVT 362**

Smith, M. C. An Experimental Investigation of Incompressible Channel Flow Near Transition (77-FE-19) **F 693**; (D) (AC) **F 698**

Smith, M. E. Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (D) (AC) **P 341**

Smith, N. Mathematical Model for Spray Cooling Systems **P 279**

Smith, R. E. A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) **PVT 470**

Smith, T. F. Combined Radiation—Convection for a Real Gas (76-HT-58) **HT 60**

Smurugov, V. A. Adhesive Wear of Polymers **L 396**

Snap-Through Buckling

Snap-Through Buckling of the Low Arch by the Trefftz Criterion (BN) **AM 169**

Sneddon, I. N. *(author)* The Linear Theory of Thermoelasticity (BR) **AM 189**

Snidle, R. W. Calculation of Surface Deformation in Point Contact EHD **L 313**

Snyder, J. E., III Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) **DS 23**

So, R. M. C. Entry Flow in Straight and Curved Channels With Slender Channel Approximations (D) **F 673**; (AC) **F 674**; Lift on a Rotating Porous Cylinder **F 753**; A Note in Comment on "A Reynolds Stress Model for Turbulent Corner Flows" (TB) **F 593**; (D) **F 596**; (AC) **F 597**

Sodium

Representation of Elevated-Temperature Tensile Behavior of Type 304 Stainless Steel in a Sodium Environment **MT 366**

Soft Biological Tissues

Finite Elastic Deformation for a Class of Soft Biological Tissues **BE 98**

Soft Tool Process

Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) **I 685**

Sohrabpour, S. A Modified Tension Test **MT 252**

Soils

Transient Heat and Mass Transfer in Soils in the Vicinity of Heated Porous Pipes **HT 541**

Sokhey, J. S. Laminar Incompressible Viscous Flow in Curved Ducts of Regular Cross-Sections **F 640**

Solar Central Receivers

Optimum Concentration Ratio for a Solar Central-Receiver Electric Power Plant (TB) **P 490**

Solar Collectors

Circumferential Variations of Bore Heat Flux and Outside Surface Temperature for a Solar Collector Tube **HT 360**

Experimental Evaluation of a Cylindrical Parabolic Solar Collector (76-WA/HT-13) **HT 163**

Forced Convection Heat Transfer at an Inclined and Yawed Square Plate—Application to Solar Collectors **HT 507**

Performance Measurements of a Cylindrical Glass Honeycomb Solar Collector Compared With Predictions (76-WA/Sol-3) **HT 169**

Solar Heat Collectors

Effect of Tilt and Horizontal Aspect Ratio on Natural Convection in a Rectangular Honeycomb (TN) **HT 120**

Soler, A. I. Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) **P 365**

Solid Cylinders

Steady State Temperature Distribution in a Solid Cylinder Moving in the Direction of its Axis Through a Cross-Flow of Hot Gas **HT 668**

Solid Lubricants

The Transport and Breakdown of Solid Lubricants in a Simple Forging Operation (76-Lub-16) **L 230**; (D) **L 234**; (AC) **L 235**

Solid Particles

Effects of Surface Hardness and Other Material Properties on Erosive Wear of Metals by Solid Particles (76-WA/Mat-8) **MT 133**

Solid Waste

Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (76-WA/CD-1) **P 449**; (D) **P 455**; (AC) **P 458**

Solids

Crack Problem for a Semi-Infinite Solid With Heated Bounding Surface **AM 637**

Stress Analysis and Stress-Intensity Factors for Finite Geometry Solids Containing Rectangular Surface Cracks (77-WA/APM-5) **AM 442**

On the Tensile and Compressive Strength of Solids Weakened (Strengthened) by an Inhomogeneity (77-WA/APM-4) **AM 449**

Soliman, B. F. An Investigation of the Forces on Three Dimensional Bluff Bodies in Rough Wall Turbulent Boundary Layers (76-WA/FE-1) **F 503**; (D) (AC) **F 510**

Solution Bounds

Solution Bounds for Transient Vibration Problems (76-WA/APM-27) **AM 159**

Solution Cavities

On the Structural Behavior of Progressively Mined Solution Cavities in Salt **AM 565**

Solvent-Refined Coal

Combustion of Pulverized, Solvent-Refined Coal (76-WA/Fu-6) **P 305**

Somers, R. R., II Design Optimization of a Single Fluid, Solid Sensible Heat Storage Unit (76-WA/HT-64) **HT 174**

Somers, W. E. The 1977 Edition of Section I, Power Boilers **PVT 380**

Sommer, E. Growth Characteristics of Part-Through Cracks in Thick-Walled Plates and Tubes (76-PVP-39) **PVT 106**

Soni, A. H. Existence Criteria of Two-Loop Six-Link R-R-C-C-R-C-C Spatial Mechanism (76-DET-38) **I 630**; Gross Motion Analysis of Planar Linkages With Application to a Geared Five-Bar (76-DET-31) **I 674**; Synthesis of a Six-Link Spatial Mechanism via Screw Triangle Geometry, Successive Screw Displacements, and Pair Geometry Constraints (76-DET-46) **I 532**

Sonic State

Simple Predictions for the Sonic Conditions in a Real Gas **F 217**

Soot Particles

The Use of the Milne-Eddington Absorption Coefficient for Radiative Heat Transfer in Combustion Systems **HT 458**

Souders, M. *(editor)* Handbook of Engineering Fundamentals (BR) **L 379**

Soundalgekar, V. M. Free Convection Effects on the Stokes Problem for an Infinite Vertical Plate (TN) **HT 499**

Soylemez, E. The Multiport Lever: A Mechanical Logical Element (76-DET-11) **I 353**; (D) **I 358**; (AC) **I 359**

Spacecraft

State Estimation and Parameter Identification of Freely Spinning Flexible Spacecraft **DS 51**

Spacecraft Mechanical Assemblies

Thermally Induced Migration of Hydrocarbon Oil **L 158**

Spacecraft Thermal Control

Calculation of Shape Factors Between Rings and Inverted Cones Sharing a Common Axis (TN) **HT 492**

Spacing

Drag on a Group of Cylinders (76-Pet-42) **PVT 152**

Spacing Policy

Vehicle-Follower Longitudinal Control for Automated Transit Vehicles **DS 241**

Spadaccini, L. J. Autoignition Characteristics of Hydrocarbon Fuels at Elevated Temperatures and Pressures (76-GT-3) **P 83**

Spalding, D. B. Numerical Computation of Flow in Rotating Ducts (76-FE-25) **F 148**; Velocity Distribution in an Abruptly Expanding Circular Duct (D) (AC) **F 606**

Spalding, G. R. *(reviewer)* Applied Mechanics: More Dynamics (BR) **DS 70**

Span Dynamic Motion

Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) **DS 23**

Spark Advance

Optimization of Automotive Engine Fuel Economy and Emissions **DS 109**

Sparrow, E. M. Analysis of Effects of Free-Stream Turbulence on Heat Transfer and Skin Friction **HT 614**; Analysis of Melting in the Presence of Natural Convection in the Melt Region **HT 520**; Circumferential Variations of Bore Heat Flux and Outside Surface Temperature for a Solar Collector Tube **HT 360**; Effect of Upstream Flow Processes on Hydrodynamic Development in a Duct **F 556**; Forced Convection Heat Transfer at an Inclined and Yawed Square Plate—Application to Solar Collectors **HT 507**; Fully Developed Flow and Heat Transfer in Ducts Having Streamwise-Periodic Variations of Cross-Sectional Area **HT 180**; Heat/Mass Transfer Characteristics for Flow in a Corrugated Wall Channel **HT 187**; Heat Transfer from a Cylinder in Crossflow Situated in a Turbulent Pipe Flow **HT 425**; Heat Transfer and Fluid Flow Analysis of Interrupted-Wall Channels, With Application to Heat Exchangers **HT 4**; Mixed Convection in Boundary Layer Flow on a Horizontal Plate **HT 66**; Relationships Among Boundary Conditions and Nusselt Numbers for Thermally Developed Duct Flows (TN) **HT 483**

Sparse Matrix Formulation

A Sparsity-Oriented Approach to the Dynamic Analysis and Design of Mechanical Systems—Part 1: (76-DET-19) **I 773**; Part 2: (76-DET-20) **I 780**

Spatial Linkages

Mechanical Couplings—A General Geometrical Theory. Part 1: Theorems on Algebraic Loci and Couplings (76-DET-5) **I 77**; Part 2: Examples and Applications of the Theorems (76-DET-6) **I 82**

Spatial Mechanisms

Displacement Analysis of Spatial Seven-Link 5R-2P Mechanisms (76-DET-39) **I 692**

Existence Criteria of Two-Loop Six-Link R-R-C-C-R-C-C Spatial Mechanism (76-DET-38) **I 630**

Synthesis of Function Generating Spatial Mechanisms With Optimum Structural Error (76-WA/DE-15) **I 124**

Synthesis of a Six-Link Spatial Mechanism via Screw Triangle Geometry, Successive Screw Displacements, and Pair Geometry Constraints (76-DET-46) **I 532**

Special Publications

Composites in Pressure Vessels and Piping (PVP-PB-021) **PVT 515**

1977 Design Criteria of Boilers and Pressure Vessels **PVT 393**

Dynamic Analysis of Pressure Vessel and Piping Components (PVP-PB-022) **PVT 533**

Failure Data and Failure Analysis: In Power and Processing Industries (PVP-PB-023) **PVT 535**

Fracture Toughness of Heavy-Wall Welded Tankage Steel (MPC-5) **PVT 605**

Ocean Energy Resources (OED - Vol. 4) **PVT 623**

Pressure Vessels and Piping Computer Program Evaluation and Qualification (PVP-PB-024) **PVT 552**

Special Publications—1976 Elevated Temperature Design Symposium **PVT 247**

Specimen Thickness

The Effect of Specimen Thickness Upon the Fatigue Crack Growth Rate of A516-60 Pressure Vessel Steel (76-PVP-57) **PVT 248**

Spectral Absorption

Spectral Absorption of Water Vapor and Carbon Dioxide Mixtures in the 2.7 Micron Band **HT 53**

Spectrographic Oil Analysis

Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) **L 152**; (D) **L 156**; (AC) **L 157**

Speed Ratio Ranges

A Two-Path Variable-Ratio Transmission With an Extended Range of Ratios (76-DET-37) **I 656**

Spence, J. The Flexibility of Curved Pipes in Creep (76-WA/PVP-4) **PVT 444**

Sperry, R. E. Some Adverse Effects of Stress Corrosion in Steam Turbines (76-IPC-Pwr-8) **P 255**

Spheres

Heat Transfer From Spheres in Naturally Turbulent Outdoor Environment (D) (AC) **HT 346**

The Virtual Mass of a Sphere Moving Toward a Plane Wall (BN) **AM 166**

Spherical Acrylic Plastic Hulls

Development of Economical Casting Process for NEMO-Type Acrylic Submersible Hulls (76-WA/OcE-7) **I 493**

Spherical Acrylic Plastic Hulls Under External Explosive Loading (76-WA/OcE-4) **I 469**

Spherical Cavities

A Simple Bound on the Asymptotic Pressure in a Spherical Cavity, Surrounded by an Infinite Elasto-Plastic Medium (BN) **AM 507**

Spherical Domes

Three-Dimensional Elasticity Solution and Edge Effects in a Spherical Dome (77-WA/APM-26) **AM 599**

Spherical Sector Windows

Spherical Sector Windows With Restrained Edge for Undersea Applications (76-WA/OcE-3) **I 459**

Spherical Shells

Characterization of Fracture in Vessels and Piping (76-WA/PVP-2) **PVT 144**

Spherical Water Drop

High-Speed Impact Between Curved Liquid Surface and Rigid Flat Surface (76-WA/FE-34) **F 396**

Spiking Phenomenon

Investigation of Spiking in Electron Beam Welding Using Stationary Stochastic Models (76-WA/Prod-10) **I 323**

Spin Axis

Single-Axis Gyroscopic Motion With Uncertain Angular Velocity About Spin Axis **DS 259**

Spin Rates

On the Transition of a Shaft Through Critical Speeds **DS 48**

Spin Stability

The Effect of Viscous Damping on Spin Stability of a Rigid Body With a Fixed Point (BN) **AM 349**

Spinal Fixation Devices

A Motion Transducer for Use in the Intact In-Vitro Human Lumbar Spine **BE 160**

Spindle Centering

Effects of Spindle Centering on Ring-Spinning Tension (76-Tex-2) **I 51**

Spinning Annular Plates

Vibration and Stability of Spinning Annular Plates Reinforced With Edge Beams (BN) **AM 499**

Spinning Surfaces

The Calculation of Turbulent Boundary Layers on Spinning and Curved Surfaces **F 231**; (D) **F 435, 436**; (AC) **F 437**

Split-Torque Transmissions

A Two-Path Variable-Ratio Transmission With an Extended Range of Ratios (76-DET-37) **I 656**

Spray Cooling Systems

The Effect of Heat Transfer Coefficient, Local Wet Bulb Temperature and Dropiet Size Distribution Function on the Thermal Performance of Sprays **HT 381**

Mathematical Model for Spray Cooling Systems **P 279**

Spray Energy Release (SER)

Thermal Performance Models and Drift Loss Predictions for a Spray Cooling System **HT 274**

Spray Mixing

Orifice Cavitation and Its Effect on Spray Mixing (D) **F 426**; (AC) **F 427**

Spray Ponds

Performance of a Spray Pond for Nuclear Power Plant Ultimate Heat Sink (75-WA/HT-41) **P 650**

Sprays

The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays—Part I: The Drop-Size/Volume-Fraction Distribution (76-WA/GT-9) **P 309**; Part II: The Drop-Size/Number Distribution (76-WA/GT-10) **P 315**

Spring Parameters

Synthesis of Spring Parameters to Balance General Forcing Functions in Planar Mechanisms (76-DET-45) **I 347**; (D) (AC) **I 352**

Synthesis of Spring Parameters to Satisfy Specified Energy Levels in Planar Mechanisms (76-DET-44) **I 341**

Springs

Forced Vibrations of a Mass Connected to an Elastic Half Space by a Spring (BN) **AM 788**

Sprinkler Sprays

Cooling of Room Fires by Sprinkler Spray **HT 353**

Spur-Gear Pair

On the Elastokinematics of the Involute Gear Pair (76-DET-34) **I 648**

Spur Gears

Digital Simulation of Impact Phenomenon in Spur Gear Systems **I 792**

Square Cross Section Cylinders

Organized Fluctuations Due to Flow Past a Square Cross Section Cylinder (76-WA/FE-2) **F 511**

Square Nozzles

A Three Dimensional Density Field Measurement of Transonic Flow From a Square Nozzle Using Holographic Interferometry **F 737**; (D) **F 743**; (AC) **F 744**

Square Plates

Forced Convection Heat Transfer at Inclined and Yawed Square Plate—Application to Solar Collectors **HT 507**

Squeeze-Film Dampers

Analytical and Experimental Investigation of the Stability of Intershaft Squeeze Film Dampers—Part 1: Demonstration of Instability (76-GT-55) **P 47**

Design of Nonlinear Squeeze-Film Dampers for Aircraft Engines (76-Lub-25) **L 57**

Stability of Squeeze-Film-Damper Supported Flexible Rotors (77-GT-51) **P 545**

Steady-State Performance of Squeeze Film Damper Supported Flexible Rotors (77-GT-52) **P 552**

Transmissibility Study of a Flexibly Mounted Rolling Element Bearing in a Porous Bearing Squeeze-Film Damper (76-Lub-4) **L 50**

Sreenivasan, K. R. Properties of Wall Shear Stress Fluctuations in a Turbulent Duct Flow **AM 389**

Srinivasan, M. G. Dynamic Plastic Response of an Immersed Pipe (77-PVP-8) **PVT 563**

Stability

Analytical and Experimental Investigation of the Stability of Intershaft Squeeze Film Dampers—Part 1: Demonstration of Instability (76-GT-55) **P 47**

Convective Stability of Incompressible Fluids (BR) **AM 516**

On the Doubly Regenerative Stability of a Grinder: the Combined Effect of Wheel and Workpiece Speed (76-WA/Prod-19) **I 237**

On the Dynamic Stability of Self-Aligning Journal Gas Bearings **L 434**

Stability Analysis of Straight and Buckled Two-Dimensional Channels Conveying an Incompressible Flow **AM 548**

The Stability of Bifurcating Periodic Solutions in a Two-Degree-of-Freedom Nonlinear System (BN) **AM 782**

Stability of a Curved Free Streamline (TB) **F 603**

Stability of Elastically Restrained Timoshenko Cantilevers With Attached Masses Subjected to a Follower Force (77-WA/APM-7) **AM 731**

The Stability of a Flexible Rotor Supported by Circumferentially Fed Journal Bearings **L 469**

Stability of Fluid Motions—I (BR) **AM 800**

The Stability of an Isolated Rectangular Surface Embedded in Uniform Subsonic Flow **AM 201**

Stability of Squeeze-Film-Damper Supported Flexible Rotors (77-GT-51) **P 545**

Stability of a Submerged Frozen Crust **HT 527**

Stiffened Plates: Bending, Stability and Vibrations (BR) **AM 516**

Vibration and Stability of Spinning Annular Plates Reinforced With Edge Beams (BN) **AM 499**

Stability Criteria

A Simplified Stability Criterion for the Hill Equation and Its Application (BN) **AM 504**

Vortex Excited Oscillations of Yawed Circular Cylinders (76-WA/FE-16) **F 495**; (D) **F 501**; (AC) **F 502**

Stabilized Platforms

Control of a Flexibly Mounted Stabilized Platform **DS 174**

Stable Postbuckling Equilibria

Stable Postbuckling Equilibria of Axially Compressed, Elastic Circular Cylindrical Shells: A Finite-Element Analysis and Comparison With Experiments (77-WA/APM-9) **AM 475**

Stachiw, J. D. Development of Economical Casting Process for NEMO-Type Acrylic Submersible Hulls (76-WA/OcE-7) **I 493**; Spherical Acrylic Plastic Hulls Under External Explosive Loading (76-WA/OcE-4) **I 469**; Spherical Sector Windows With Restrained Edge for Undersea Applications (76-WA/OcE-3) **I 459**

Stack Emissions

Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (76-WA/APC-1) **P 335**; (D) (AC) **P 341**

Stadler, W. Natural Structural Shapes of Shallow Arches (77-APM-31) **AM 291**

Stage Stall

The Time Domain of Centrifugal Compressor and Pump Stability and Surge **F 53**; (D) **F 59–61**; (AC) **F 62**

Stahlkopf, K. E. A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) **PVT 470**

Stainless Steel

Application of Strainrange Partitioning to the Prediction of Creep-Fatigue Lives of AISI Types 304 and 316 Stainless Steel (76-PVP-26) **PVT 264**

Assessment of Tensile and Creep Data for Types 304 and 316 Stainless Steel (76-PVP-31) **PVT 298**

Corrosion Performance of Austenitic Alloys in Automobile Exhaust Environments **MT 234**

Creep Deformation of 20 Percent Cold Worked Type 316 Stainless Steel **MT 168**

Creep and Rupture Behavior of Weld-Deposited Type 16-8-2 Stainless Steel at 593°C **MT 159**

Effect of Hold-Time on Elevated Temperature Fatigue Crack Propagation in Types 304 and 316 Stainless Steels (D) (AC) **MT 282**

Erosion of 310 Stainless Steel at 975°C in Combustion Gas Atmospheres (76-WA/Mat-5) **MT 126**

Multiaxial Low-Cycle Fatigue of Type 304 Stainless Steel (D) **MT 283**; (AC) **MT 285**

Representation of Elevated-Temperature Tensile Behavior of Type 304 Stainless Steel in a Sodium Environment **MT 366**

A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) **P 391**

The Tensile Ductility of Austenitic Steels in Air and Hydrogen **MT 153**

Stainless Steel Tubes

The Inelastic Deformation of Pressurized Stainless Steel Tubes Under Dynamic Bending and Torsional Loading (76-PVP-24) **PVT 258**

Stall Margin Improvement

Stall Margin Improvement by Casing Treatment—Its Mechanism and Effectiveness (76-GT-A) **P 121**

Stalling Conditions

An Experimental Study of Three-Dimensional Characteristics of Propeller Wakes Under Stalling Conditions **F 745**

Stanford, A. L., Jr. *(author)* Foundations of Biophysics (BR) **AM 367**

Stanway, R. Identification of Journal Bearing Characteristics **DS 167**

Star-Shaped Arrays

A Star-Shaped Array of Curvilinear Cracks in an Infinite Isotropic Elastic Medium **AM 619**

Stargardter, H. Optical Determination of Rotating Fan Blade Deflections (76-GT-48) **P 204**; (D) (AC) **P 210**

Starkman, E. S. Flashing Flow of Initially Subcooled Water in Convergent-Divergent Nozzles (76-HT-12) **HT 263**; (Er) **HT 647**

Starling's Cardiac Regulation Function

In-Vitro and Predicted In-Vivo Performances of a Pneumatically Regulated Artificial Ventricle **BE 83**

Starnes, R. B. Measurements of Torsional Dynamic Characteristics of the San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) **P 378**; (D) (AC) **P 383**

Starvation Phenomena

On Some Starvation Phenomena in Fluid Films **L 441**

Staschke, J. Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) **L 152**; (D) **L 156**; (AC) **L 157**

State Estimations

State Estimation and Parameter Identification of Freely Spinning Flexible Spacecraft **DS 51**

States of Stress

Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) **PVT 454**

Long-Life Notch Strength Reduction Due to Local Biaxial State of Stress **MT 215**

Static Acoustic Data

Fan Inlet Disturbances and Their Effect on Static Acoustic Data (77-GT-63) **P 608**

Static Analysis

Static and Dynamic Analysis of Capillary Compensated Hydrostatic Journal Bearings by Finite Element Method **L 478**

Static Deflection

Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) **PVT 367**

Static Density Field

A Three Dimensional Density Field Measurement of Transonic Flow From a Square Nozzle Using Holographic Interferometry **F 737**; (D) **F 743**; (AC) **F 744**

Static Loads

Finite Element Static Analysis of Axisymmetric Solids With Material and Geometric Nonlinearities (76-

PVP-A) **PVT 386**
Static and Dynamic Stress Intensity Factors by the Method of Transmitted Caustics **MT 105**
The Theory of Static Loads in Bins (77-WA/APM-1) **AM 409**
Stationary Disks
Nonaxisymmetric Flow in the Narrow Gap Between a Rotating and a Stationary Disk With an Eccentric Source (TB) **F 418**
Stationary Random Loading
Creep Damage Under Stationary Random Loading (BN) **AM 763**
Stators
Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) **P 537**
Steady Flow
Steady Flow in Collapsible Tubes **BE 126**
Steady and Unsteady Flow in Noncircular Straight Ducts **AM 1**
Steady-State Analysis
A Variable Wave Speed Technique for the Steady-State Analysis of Low-Clearance Gas Bearings (76-Lub-17) **L 339**; (D) **L 344**; (AC) **L 345**
Steady-State Crack Propagation
Steady-State Crack Propagation in Pressurized Pipelines (76-PVP-7) **PVT 112**
Steady-State Flow
On the Calculation of Three-Dimensional Divergent and Rotational Flow in Turbomachines **F 187**
Steady-State Solutions
Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (76-Lub-32) **L 331**; (D) (AC) **L 338**
Steady State Temperature Distribution
Steady State Temperature Distribution in a Solid Cylinder Moving in the Direction of its Axis Through a Cross-Flow of Hot Gas **HT 668**
Steam
Revised International Representations for the Viscosity of Water and Steam and New Representations for the Surface Tension of Water **P 664**
Steam Flow
Steam Flow Through Safety Valve Vent Pipes (D) **F 264**; (AC) **F 265**
Steam Generation
An Examination of the Influence of Ash on the Combustion Characteristics of Anthracites (76-WA/CD-2) **P 348**
Steam Hammer Effects
A Method for Estimating Steam Hammer Effects on Swing-Check Valves During Closure (76-JPGC-Pwr-6) **P 437**
Steam Turbines
Defects and Fracture Strength of Large Rotor Forgings for Steam Turbines (75-Pwr-10) **P 134**; (D) (AC) **P 142**
Factors Affecting the Design of Turbine-Condenser Connections (76-JPGC-Pwr-3) **P 429**
Some Adverse Effects of Stress Corrosion in Steam Turbines (76-IPC-Pwr-8) **P 255**
Steel Alloys
Erosive Effects of High Pressure and High Temperature Gases on Steel **MT 239**
A J-Integral Approach to Crack Resistance for Aluminum, Steel, and Titanium Alloys **MT 97**; (D) **MT 395**; (AC) **MT 397**
Steel Beams
Elastic-Plastic Response of Simply Supported 1018 Steel Beams to Impulse Loads (BM) **AM 779**
Steel Column Insulation
Temperature Distributions in Fire-Exposed Building Columns **HT 113**
Steel Plates
Heavy Section Steel Plates for Reactor Pressure Vessels Produced by Basic Oxygen Process (76-PVP-56) **PVT 314**
Steel Tubing
The Viscoplastic Bending of Copper-Nickel and Steel Tubing **MT 387**
Steele, R. K. Reliability of Railroad Roller Bearings (D) (AC) **L 39**
Steels
Composite Structures of Steel and Concrete (BR) **MT 189**
The Effect of Plastic Strain Followed by Aging on the Elastic Limit of Quenched and Tempered and Austempered 4340 Steel (TB) **MT 393**
The Effect of Specimen Thickness Upon the Fatigue Crack Growth Rate of A516-60 Pressure Vessel Steel (76-PVP-57) **PVT 248**
Elevated-Temperature Mechanical Behavior of a Carbon-Manganese Pressure Vessel Steel **MT 359**
Fatigue Crack Propagation in A533B Steels (76-WA/PVP-6) **PVT 459**
The Fracture Toughness of Cast High-Strength Steels (76-Mat-HH) **MT 70**
Fracture Toughness Properties of SA540 Steels for Nuclear Bolting Applications **PVT 419**
Low-Cycle Fatigue of AISI 1010 Steel at Temperatures up to 1200°F (649°C) (76-WA/PVP-3) **PVT 432**
A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) **PVT 470**
Near-Threshold Fatigue Crack Propagation in Ultra-High Strength Steel: Influence of Load Ratio and Cyclic Strength **MT 195**
Review of the Mechanical Properties of Cast Steels With Emphasis on Fatigue Behavior and the Influence of Microdiscontinuities **MT 329**
Strain Rate Effects on the Elevated-Temperature Tensile Behavior of a Bainitic 2 1/4 Cr-1 Mo Steel **MT 350**
The Use of Classification Zones for Fatigue Behavior in Steels (76-Mat-Y) **MT 23**
Stenoses
An Experimental Study of the Fluid Dynamics of Multiple Noncritical Stenoses **BE 74**
Step Design
Optimum Step Design for Centering of Pistons Moving in an Incompressible Fluid (77-FE-30) **F 675**
Steps
Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) **L 224**
Stevens, J. G. Catalytic Combustion Modeling; Comparisons With Experimental Data (77-GT-85) **P 593**
Stiffened Plates
Stiffened Plates: Bending, Stability and Vibrations (BR) **AM 516**
Stiffness
Analysis of the Stiffness and Damping Characteristics of an Externally Pressurized Porous Gas Journal Bearing **L 295**
Stirling Engines
Stirling Engines With a Chemically Reactive Working Fluid—Some Thermodynamic Effects **P 284**
Stochastic Geometry
Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-WA/Prod-9) **I 218**
Stochastic Linearization
Stochastic Linearization by Data Dependent Systems **DS 221**
Stochastic Models
Fatigue of Metals as Stochastic Phenomena (76-Mat-X) **MT 26**
Investigation of Spiking in Electron Beam Welding Using Stationary Stochastic Models (76-WA/Prod-10) **I 323**
Stochastic Processes
Stiffness of Machine Tool Joints. A Random Process Approach (D) (AC) **I 918**
Stochastic Tool-Life Models
Fracture and Wear as Factors Affecting Stochastic Tool-Life Models and Machining Economics (75-WA/Prod-8) **I 281**; (D) (AC) **I 508**
Stock, D. E. The Particle-Source-In Cell (PSI-CELL) Model for Gas-Droplet Flows **F 325**
Stockpile Systems
Maximizing the Efficiency of Your Bucket Wheel Reclaimer **I 875**
Stockwell, R. D. Experimental Verification of Thermoelastic Instabilities in Sliding Contact (76-Lub-21) **L 359**; (D) **L 364**
Stokes Equations
First Effects of Stokes Roughness on Hydrodynamic Lubrication (76-Lub-12) **L 2**
Stokes Problem
Free Convection Effects on the Stokes Problem for an Infinite Vertical Plate (TN) **HT 499**
Stokes Roughness
First Effects of Stokes Roughness on Hydrodynamic Lubrication (D) (AC) **L 308**
Stokes, V. K. On the Dynamic Expansion of a Circular Hole in an Infinite Plate (77-WA/APM-21) **AM 577**; A Note on the Pure Bending of Unsymmetrical Prismatic Beams (BN) **AM 344**
Stokey, W. F. The Inelastic Deformation of Pressurized Stainless Steel Tubes Under Dynamic Bending and Torsional Loading (76-PVP-24) **PVT 258**
Stoneley Waves
Elastic Interface Waves Involving Separation (77-APM-26) **AM 222**
Stouffer, D. C. Design of a Viscoelastic Dynamic Absorber for Machine Tool Applications (76-WA/Prod-20) **I 620**
Straight Channels
Dynamics of a Vaporizing Droplet in Laminar Entry Region of a Straight Channel (77-HT-40) **HT 574**
Entry Flow in Straight and Curved Channels With Slender Channel Approximations (77-FE-2) **F 666**; (D) **F 673**; (AC) **F 674**
Heat Transfer in the Entrance Region of a Straight Channel: Laminar Flow With Uniform Wall Heat Flux (TN) **HT 142**
Straight Fins
Two-Dimensional Effects on Heat Transfer Rates From an Array of Straight Fins (TN) **HT 129**
Straight-Line Paths
Computerized Synthesis of Straight-Line Four-Bar Linkages from Inflection Circle Properties (76-DET-27) **I 610**
Straight Noncircular Ducts
Forced Convection Within Straight Noncircular Ducts (TN) **HT 485**
Straight Pipes
An Analysis of Steady Fully Developed Heat Transfer in A Rotating Straight Pipe (TN) **HT 148**
Fracture in Straight Pipes Under Large Deflection Conditions—Part I: Structural Deformations (76-PVP-9) **PVT 122**; Part II: Pipe Pressures (76-PVP-14) **PVT 128**
Strain Energy Function
Finite Elastic Deformation for a Class of Soft Biological Tissues **BE 98**
Strain Gages
Drag on a Group of Cylinders (76-Pet-42) **PVT 152**
Strain Hardening
The Influence of Strain Hardening and Strain-Rate Sensitivity on Sheet Metal Forming **MT 264**
Strain-Range Partitioning
Low-Cycle Fatigue of AISI 1010 Steel at Temperatures up to 1200°F (649°C) (76-WA/PVP-3) **PVT 432**
Strain Rate Effects
The Effect of Strain Rate Upon the Bending Behavior of Materials (76-Mat-FF) **MT 47**
Strain Rate Effects on the Elevated-Temperature Tensile Behavior of a Bainitic 2 1/4 Cr-1 Mo Steel **MT 350**
Strain-Rate Sensitivity
The Influence of Strain Hardening and Strain-Rate Sensitivity on Sheet Metal Forming **MT 264**
Strainrange Partitioning
Application of Strainrange Partitioning to the Prediction of Creep-Fatigue Lives of AISI Types 304 and 316 Stainless Steel (76-PVP-26) **PVT 264**
Strains
On the Stress Field Due to Initial Strains in a Cuboid Surrounded by an Infinite Elastic Space (77-WA/APM-17) **AM 587**
A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) **P 391**
Stratified Ambients
Prediction of Turbulent Forced Plumes Issuing Vertically Into Stratified or Uniform Ambients **HT 99**
Stratified Fluids
An Exact Solution of the Boussinesq Equations for an Infinite Wall in a Stratified Fluid (TN) **HT 676**
The Near-Field Disturbance Created by a Body in a Stratified Medium With a Free Surface (77-WA/APM-18) **AM 534**
Stream Function
Laminar Incompressible Recirculating Flow in a Driven Cavity of Polar Cross Section (TB) **F 774**
Stream Function Gradients
An Analysis for Plane Strain Plastic Deformation in Metal-Working Process (76-WA/Prod-16) **I 727**
Streamline Curvature
The Calculation of Turbulent Boundary Layers on Spinning and Curved Surfaces **F 231**
A Centrifugal Compressor Flow Analysis Employing a Jet-Wake Passage Flow Model (76-FE-21) **F 141**
Effect of Streamline Curvature on Film Cooling (76-GT-90) **P 77**
A Nearly Three-Dimensional Intrablade Computing System for Turbomachinery (76-FE-19 & 76-FE-20) **F 154**; (D) (AC) **F 166**

Streamlines
A Free-Streamline Model for Bluff Bodies in Confined Flow **F 585**
Stability of a Curved Free Streamline (TB) **F 603**
Streamsheet Solutions
Quasi-Three-Dimensional Numerical Solution of Flow in Turbomachines (76-FE-23) **F 132**
Streamwise Gusts
The Response of Nonlifting Airfoils to Streamwise Gusts **F 213**
Streamwise-Periodic Variations
Fully Developed Flow and Heat Transfer in Ducts Having Streamwise-Periodic Variations of Cross-Sectional Area **HT 180**
Stredulinsky, D. A Note on the Bending of Rods to a Specified Shape (76-WA/OcE-2) **I 456**
Stress
Analysis of Thermal Stresses and Residual Stress Changes in Railroad Wheels Caused by Severe Drag Braking (75-WA/RT-3) **I 18**
Effect of Thickness on the Stresses in a Plate With an Elliptic Hole (76-DE-F) **I 401**
Fatigue Under Wide Band Random Stresses Using the Rain-Flow Method **MT 205**
The Influence of Drying and Stress on the Permeability of Texas Lignite (77-Pet-26) **PVT 634**
Influence of Flank Wear on the Stresses in a Cutting Tool (76-WA/Prod-30) **I 566**
Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) **PVT 454**
Residual Ductility and Residual Stresses in Formed Heads (77-PVP-13) **PVT 593**
Stress and Buckling of Internally Pressurized, Elastic-Plastic Torispherical Vessel Heads—Comparisons of Test and Theory (76-PVP-23) **PVT 39**
Stresses Around a Rib-Reinforced Elliptic Hole in a Circular Cylindrical Shell Under Tension (76-PVP-13) **PVT 12**
Stresses Due to Interference Fits in Cylinders with Concentric and Eccentric Holes (Er) **AM 356**
Stresses in Nonhomogeneous Cylindrically Anisotropic Elastic Cylinder (BN) **AM 774**
A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) **P 391**
Stress Analysis
Analytical and Experimental Stress Analysis of a Cylinder-to-Cylinder Structure (77-PVP-11) **PVT 575**
Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) **P 365**
Stress Analysis and Stress-Intensity Factors for Finite Geometry Solids Containing Rectangular Surface Cracks (77-WA/APM-5) **AM 442**
Stress Concentration
Long-Life Notch Strength Reduction Due to Local Biaxial State of Stress **MT 215**
Stress Concentration Around an Elliptic Hole in a Cylindrical Shell Under Torsion With Major Axis of the Hole Perpendicular to the Shell Axis (BN) **AM 184**
Stress Concentrations Between Two Rigid Spheres (BN) **AM 340**
Stress Corrosion
Some Adverse Effects of Stress Corrosion in Steam Turbines (76-IPC-Pwr-8) **P 255**
Stress Equations
A Note in Comment on "A Reynolds Stress Model for Turbulent Corner Flows" (TB) **F 593**; (D) **F 596**; (AC) **F 597**
Stress Factors
Flexibility and Stress Factors of Pipe Bends—An Analysis by the Finite Ring Method (76-PVP-40) **PVT 281**
Stress Fields
Plane Stress Fields Induced by Moving Heat Sources in Butt-Welding **AM 231**
On the Stress Field Due to Initial Strains in a Cuboid Surrounded by an Infinite Elastic Space (77-WA/APM-17) **AM 587**
Stress-Intensity Factors
Analytical and Numerical Calculation of Stress-Intensity Factors in a Pressurized Cylindrical Shell With a Clamped Crack (77-APM-35) **AM 264**
Determination of Stress Intensity Factors for Gradient Stress Fields (76-WA/PVP-10) **PVT 477**
Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) **AM 243**
Inner and Outer Cracks in Internally Pressurized Cylinders (76-PVP-6) **PVT 83**
Static and Dynamic Stress Intensity Factors by the Method of Transmitted Caustics **MT 105**
Stress Intensity Factors in Edge-Cracked Plates Subjected to Transient Thermal Singularities (76-PVP-38) **PVT 100**
On Through Cracks at Interference Fit Fasteners (76-PVP-5) **PVT 75**
Stress Ratio
The Effect of Stress Ratio on Fatigue Crack Growth in a Biaxial Stress Field (76-PVP-37) **PVT 137**
Stress Relief
Field Application of Externally Stress-Relieved Drill Collars (76-Pet-39) **PVT 149**
Stress-Strain Curves
Low-Cycle Fatigue of AISI 1010 Steel at Temperatures up to 1200°F (649°C) (76-WA/PVP-3) **PVT 432**
Stress-Strain Relations
Inelastic Behavior of Finite Circular Cylindrical Shells (76-PVP-42) **PVT 31**
Stress Wave Emissions
Thermal Analysis of Capacitor Discharge Welding and its Correlation With Observed Stress Wave Emission (SWE) **MT 379**
Stress Wave Propagation
Accurate Transform Inversion in the Elastodynamics of Heterogeneous Media (BN) **AM 352**; (Er) **AM 513**
A Parabolic Theory of Stress Wave Propagation Through Inhomogeneous Linearly Elastic Solids **AM 462**
Stretch Forming
Assessment of Deep-Drawability and Stretchability by Bulge Test of Concentrically Grooved Metal Disks (76-WA/Prod-14) **I 229**
Influence of Interstage Annealing on the Stretch-Formability of Sheet-Metal Laminates (76-Mat-U) **MT 42**
Stretching Models
Vortex Stretching Due to Shear Layer Instability (76-WA/Flcs-11) **F 240**; (D) (AC) **F 243**
Stringer-Stiffened Shells
Experimental Studies on the Buckling Under Axial Compression of Integrally Stringer-Stiffened Circular Cylindrical Shells **AM 721**
Strips
The Crack-Contact and the Free-End Problem for a Strip Under Residual Stress (77-APM-3) **AM 41**
Stripwise Heating
Established Stripwise Laminar Natural Convection on a Horizontal Surface (76-HT-19) **HT 294**
Strong, A. B. Direct Measurement of Wall Shear Stress With Mass Transfer in a Low Speed Boundary Layer **F 580**
Structural Analysis
Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) **PVT 454**
Structural Behavior
On the Structural Behavior of Progressively Mined Solution Cavities in Salt **AM 565**
Structural Deformations
Fracture in Straight Pipes Under Large Deflection Conditions—Part I: Structural Deformations (76-PVP-9) **PVT 122**
Structural Design
Natural Structural Shapes of Shallow Arches (77-APM-31) **AM 291**
Structural Dynamics
Dynamics of Structures (BR) **AM 366**
Structural Members
Composite Materials and Their Use in Structures (BR) **AM 189**
Loss Factor for a Rectangular Plate of Parabolic Thickness Variation **I 799**
A Simple Technique for the Minimum Mass Design of Continuous Structural Members (77-APM-27) **AM 285**
Structural Parameters
Recursive Least Squares Time Domain Identification of Structural Parameters **AM 135**
Structural Synthesis
Synthesis of Spring Parameters to Balance General Forcing Functions in Planar Mechanisms (76-DET-45) **I 347**; (D) (AC) **I 352**
Structural Vibration
Design of a Viscoelastic Dynamic Absorber for Machine Tool Applications (76-WA/Prod-20) **I 620**
Stuhler, W. Frequency and Loss Factors of Tapered Symmetric Sandwich Beams (BN) **AM 511**
Stupp, G. B., Jr. Vehicle-Follower Control With Variable-Gains for Short Headway Automated Guideway Transit Systems **DS 183**
Sturge, D. P. A Centrifugal Compressor Flow Analysis Employing a Jet-Wake Passage Flow Model (D) (AC) **F 430**
Subatmospheric Pressures
Incipient Boiling Characteristics at Atmospheric and Subatmospheric Pressures **HT 398**
Subcooled Water
Flashing Flow of Initially Subcooled Water in Convergent-Divergent Nozzles (76-HT-12) **HT 263**; (Er) **HT 647**
Subcritical Quenching
A New Look at Subcritical Quenching (SCT) for Fatigue Strength Improvement (77-RT-4) **I 867**
Subfreezing Environments
The Effect of Cooling Rate on the Formation of Dendritic Ice in a Pipe With No Main Flow **HT 419**
Sublimation
Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) **HT 411**
Subliming Particle-Vapor Flow
Local Nonsimilar Solutions for Subliming Particle-Vapor Boundary-Layer Flow (TN) **HT 342**
Submarine Pipelines
Submarine Pipeline Analysis With an Elastic Foundation by the Finite Element Method (76-WA/OcE-5) **I 480**
Submerged Frozen Crust
Stability of a Submerged Frozen Crust **HT 527**
Submerged Gas Source
The Deflection of an Ice Sheet by a Submerged Gas Source **AM 279**
Submersibles
Development of Economical Casting Process for NEMO-Type Acrylic Submersible Hulls (76-WA/OcE-7) **I 493**
Spherical Acrylic Plastic Hulls Under External Explosive Loading (76-WA/OcE-4) **I 469**
Subramanian, K. Sensing of Drill Wear and Prediction of Drill Life (76-WA/Prod-33) **I 295**
Subsea Production Systems
An Articulated Multiline Production Riser for Deepwater Application (76-Pet-44) **PVT 158**
Design, Fabrication, and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) **PVT 164**
A Method for Analysis of a Prototype Articulated Multiline Marine Production Riser System (76-Pet-46) **PVT 170**
Subsonic Flow
The Stability of an Isolated Rectangular Surface Embedded in Uniform Subsonic Flow **AM 201**
Three-Dimensional Flow Within a Turbine Cascade Passage (76-GT-50) **P 21**
Subsonic Liquid Flow
Linearized Theory of Supercavitating Hydrofoils in Subsonic Liquid Flow **F 311**
Substrate Properties
Influence of Substrate Properties on the Apparent Emittance of an Isothermal Isotropically Scattering Medium **HT 208**
Substructures
Heat Transfer in Micropolar Laminar Radial Channel Flow (TN) **HT 684**
Subsynchronous Resonnance
Measurements of Torsional Dynamic Characteristics of the San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) **P 378**; (D) (AC) **P 383**
Successive Screw Displacements
Synthesis of a Six-Link Spatial Mechanism via Screw Triangle Geometry, Successive Screw Displacements, and Pair Geometry Constraints (76-DET-46) **I 532**
Sucec, J. Approximate Solution to a Class of Transient Forced Convection Problems (77-GT-58) **P 567**
Sudden Heating
Mass Transfer and Pressure Rise in Moist Porous Material Subjected to Sudden Heating **HT 105**
Sugawara, M. A Criterion of Onset of Free Convection in a Horizontal Melted Water Layer With Free Surface **HT 92**
Sugiyama, Y. Aerodynamic Characteristics of a Rectangular Wing With a Tip Clearance in a Channel **AM 541**
Suh, N. P. Delamination Wear of Dispersion-Hardened Alloys (76-WA/Prod-29) **I 289**; Fluid Delivery and Metering for Reaction-Injection Molding (76-WA/PID-19) **I 678**
Sulfide Environments
Some Adverse Effects of Stress Corrosion in Steam Turbines (76-IPC-Pwr-8) **P 255**
Sullivan, A. M. The Effect of Specimen Thickness Upon

the Fatigue Crack Growth Rate of A516-60 Pressure Vessel Steel (76-PVP-57) **PVT 248**

Sullivan, D. A. A Simple Gas Turbine Combustor NOx Correlation Including the Effect of Vitiated Air (76-GT-5) **P 145**; (Er) **P 481**; Simple Predictions for the Sonic Conditions in a Real Gas **F 217**

Summerfield, M. Erosion of Powder Metallurgy Aluminum Alloys by Hot Propellant Gases (76-Mat-L) **MT 36**; Erosive Effects of High Pressure and High Temperature Gases on Steel **MT 239**

Sun, D.-c. First Effects of Stokes Roughness on Hydrodynamic Lubrication (76-Lub-12) **L 2**

Sundararajan, C. Dynamic Analysis of Pressure Vessel and Piping Components (PVP-PB-022) **PVT 533**

Supercavitating Hydrofoils
Linearized Theory of Supercavitating Hydrofoils in Subsonic Liquid Flow **F 311**

Superconducting Coils
Experiments on Buckling and Vibration of Superconducting Coils (77-WA/APM-28) **AM 707**

Superconducting Magnets
Transient Heat Conduction in Cryogenic Current Cables Following a Loss-of-Coolant Accident (TB) **HT 689**

Superconduction
Optimization of Helium Refrigerators for Superconducting Power Transmission Lines in Terms of Cost and Reliability (76-WA/PID-16) **I 551**

Supercritical Helium
Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) **HT 580**

Supercritical Pressures
Free Convection at Supercritical Pressures in Cryo-Fluid Helium-I (76-WA/PID-14) **I 723**
Lambda—Transition (He II—He I) During Heat Flow at Supercritical Pressures **HT 479**

Superheat
Effect of Superheat and Cavity Size on Frequency of Bubble Departure in Boiling **HT 246**

Superplastic Flow
Theory of Superplastic Flow in Two-Phase Materials Roles of Interphase-Boundary Dislocations, Ledges, and Diffusion **MT 244**

Superposition
Free-Vibration Analysis of Rectangular Plates With Clamped-Simply Supported Edge Conditions by the Method of Superposition **AM 743**

Superseismic Contact
An Exact Solution for the Superseismic Stage of Dynamic Contact Between a Punch and an Elastic Body **AM 583**

Supersonic Compressors
Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) **P 537**

Supersonic Flow
Applicability of Axisymmetric Analysis in Predicting Supersonic Flow Through Annular Cascades (76-Pwr-B) **P 115**
A Hybrid Marching Integration Procedure for the Prediction of Two-Dimensional Supersonic Boundary Layers **F 205**
Quasi-Three-Dimensional Laminar Boundary-Layer Separations in Supersonic Flow **F 634**; (D) (AC) **F 639**

Supersonic Flutter
Further Developments in the Aerodynamic Analysis of Unsteady Supersonic Cascades—Part 1: The Unsteady Pressure Field (77-GT-44) **P 509**; Part 2: Aerodynamic Response Predictions (77-GT-45) **P 517**

Supersonic Unstalled Flutter
An Experimental Determination of the Unsteady Aerodynamics in a Controlled Oscillating Cascade (76-GT-17) **P 88**

Supported Arches
Buckling of Supported Arches Under Three Pressure Distributions (BN) **AM 764**

Supremal Players
Coordination Concepts in Multilevel Hierarchical Differential Games **DS 201**

Surface Crack Geometry
Stress Analysis and Stress-Intensity Factors for Finite Geometry Solids Containing Rectangular Surface Cracks (77-WA/APM-5) **AM 442**

Surface Cracks
Inner and Outer Cracks in Internally Pressurized Cylinders (76-PVP-6) **PVT 83**
Thermal Stress Effects and Surface Cracking Associated With Laser Use on Human Teeth (77-WA/Bio-3) **BE 189**

Surface Deformation
Calculation of Surface Deformation in Point Contact EHD **L 313**

Surface Drilling
Downhole Measurements Through Modified Drill Pipe (76-Pet-53) **PVT 374**

Surface Effects Vehicle
Arctic Transportation: Operational and Environmental Evaluation of an Air Cushion Vehicle in Northern Alaska (76-Pet-41) **PVT 176**

Surface Hardness
Effects of Surface Hardness and Other Material Properties on Erosive Wear of Metals by Solid Particles (76-WA/Mat-8) **MT 133**

Surface Heat Transfer Gage
Properties of Wall Shear Stress Fluctuations in a Turbulent Duct Flow **AM 389**

Surface Injection
An Experimental Study of Natural Convection Mass Transfer Along a Vertical Plate With Surface Injection (76-HT-14) **HT 446**

Surface Integral Methods
Surface Integral Method Applied to the Problems of an Elastic Strip With Periodically Spaced Holes (D) **AM 362**; (AC) **AM 363**

Surface Layers
Non-Fourier Heat Conduction in Thin Surface Layers (TN) **HT 343**; (Er) **HT 501**

Surface Migration
Thermally Induced Migration of Hydrocarbon Oil **L 158**

Surface Pressure Variations
Some Characteristics of High Waves in Closed Channels Approaching Kelvin-Helmholtz Instability (77-FE-15) **F 339**

Surface Roughness
Effects of Load, Speed, and Surface Roughness on Sliding EHD Contact Temperatures (76-Lub-23) **L 254**; (D) **L 261**; (AC) **L 262**
First Effects of Stokes Roughness on Hydrodynamic Lubrication (76-Lub-12) **L 2**
Stochastic Characterization of Macro- and Microerrors of Journal Bearing Roundness (76-DET-51) **I 327**; (D) **I 334**; (AC) **I 335**
Response of a Turbulent Pipe Flow to a Change in Roughness (77-FE-3) **F 548**; (D) **F 553, 554**; (AC) **F 554**

Surface Suction
The Effect of Surface Suction on Condensation in the Presence of a Noncondensable Gas (TN) **HT 496**

Surface Temperature Measurements
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) **P 385**

Surface Temperatures
Investigation of Surface Temperature in Electro-Discharge Machining (76-WA/Prod-8) **I 682**
Surface Temperatures in Distributed Contacts: Application to Bearing Design **L 277**

Surface Tension
Revised International Representations for the Viscosity of Water and Steam and New Representations for the Surface Tension of Water **P 664**

Surface Waves
Instability of Elastically Suspended Tainter-Gate System Caused by Surface Waves on the Reservoir of a Dam (77-FE-25) **F 699**

Surge
An Experimental Study of Surge in Centrifugal Compressors **F 115**; (D) **F 124–130**; (AC) **F 130**
The Time Domain of Centrifugal Compressor and Pump Stability and Surge **F 53**; (D) **F 59–61**; (AC) **F 62**

Surge Control
An Experimental Investigation of the Control of Surge in Radial Compressors Using Close Coupled Resistances **F 64**; (D) **F 74**; (AC) **F 75**

Surge Cycles
Nonlinear Analysis of Surge Cycles (TB) **F 258**

Surge Prediction
Estimation of Centrifugal Compressor Stability With Diffuser Loss-Range System **F 76**; (D) **F 81**; (AC) **F 82**

Suryanarayana, V. V. S. An Analysis of Steady Fully Developed Heat Transfer in A Rotating Straight Pipe (TN) **HT 148**; Two-Dimensional Effects on Heat Transfer Rates From an Array of Straight Fins (TN) **HT 129**

Suspended Particulates
Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (76-WA/APC-1) **P 335**; (D) (AC) **P 341**

Suspension Bridges
Self-Excited Aeroelastic Instability of a Bridge Deck (76-WA/FE-25) **F 452**

Suspension Depositions
Deposition of Suspensions in the Entrance of a Channel (76-WA/Flcs-13) **F 365**; (D) (AC) **F 370**

Suspension Design
Passive Suspension Design for a Magnetically Levitated Vehicle **DS 277**

Suspension Systems
Hunting Stability of Rail Vehicles with Torsionally Flexible Wheelsets (75-WA/RT-2) **I 10**

Suss, S. Stability of a Cluster of Flexible Cylinders in Bounded Axial Flow (77-APM-34) **AM 401**

Sutherland, G. H. Mixed Exact-Approximate Planar Mechanism Position Synthesis (76-DET-29) **I 434**

Sviridyonok, A. I. Adhesive Wear of Polymers **L 396**

Swanson, C. Experiments on Buckling and Vibration of Superconducting Coils (77-WA/APM-28) **AM 707**

Swearengen, J. C. A Mechanical Equation of State for Inelastic Deformation of Iron: An Analytic Description (76-Mat-EE) **MT 59**

Swim, W. B. A Survey of Fluid Mechanics Education of Mechanical Engineers (77-FE-11) **F 446**

Swing-Check Valves
A Method for Estimating Steam Hammer Effects on Swing-Check Valves During Closure (76-JPGC-Pwr-6) **P 437**

Swirling Fluid Flow
Dynamic Stability of Isotropic or Composite-Material Cylindrical Shells Containing Swirling Fluid Flow (77-APM-10) **AM 112**; (Er) **AM 513**

Symbolic Manipulation Technique
An Improved Symbolic Manipulation Technique for the Simulation of Nonlinear Dynamic Systems With Mixed Time-Varying and Constant Terms **DS 157**

Symmetric Flow
Numerical Study of Transient and Steady Induced Symmetric Flows in Rectangular Cavities (77-FE-17) **F 526**

Symmetric Impact
Analysis of Combined Pressure-Shear Waves in an Elastic/Viscoplastic Material **AM 79**

Synovial Joints
On the Natural Lubrication of Synovial Joints: Normal and Degenerate (76-Lub-1) **L 153**; (D) **L 172, 173**; (AC) **L 173**

Synthesis Equations
Synthesis of a Six-Link Spatial Mechanism via Screw Triangle Geometry, Successive Screw Displacements, and Pair Geometry Constraints (76-DET-46) **I 532**

Synthesis Techniques
KINSYN III: A New Human-Engineered System for Interactive Computer-Aided Design of Planar Linkages (76-DET-48) **I 440**

System Elasticity
Design and Analysis of Multilink Flexible Mechanisms With Multiple Clearance Connections (76-DET-9) **I 88**

System Identification
Dynamic Data System: A New Modeling Approach (76-WA/Prod-24) **I 708**

System Properties
System Properties of One-Dimensional Distributed Systems **DS 85**

System Stability
A New Approach to the Anallysis of Machine-Tool System Stability Under Working Conditions (76-WA/Prod-11) **I 585**

Systemic Circulation
Estimation of Systemic Arterial Impedance in Man From Cardiac Catheterization Data (76-WA/Bio-6) **BE 9**

Szabo, J. M. Drag on a Group of Cylinders (76-Pet-42) **PVT 152**

Szego, J. Design Optimization of a Single Fluid, Solid Sensible Heat Storage Unit (76-WA/HT-64) **HT 174**

Szigety, J. J. The 1977 Edition of Section VIII, Pressure Vessels, Divisions 1 and 2 **PVT 380**

T

Tabata, T. A Fracture Criterion for Porous Materials and Its Application to the Shape of Sintered Preforms in

Forging **MT 16**
Tabor, D. Wear—A Critical Synoptic View **L 387**
Tadano, M. Data-Based Computer System for Pressure Vessel Design (76-PVP-63) **PVT 337**
Tainter-Gate System
Instability of Elastically Suspended Tainter-Gate System Caused by Surface Waves on the Reservoir of a Dam (77-FE-25) **F 699**
Takahashi, Y. Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite Time Settling Controller/Observer (TB) **DS 209**
Takaishi, S. Heavy Section Steel Plates for Reactor Pressure Vessels Produced by Basic Oxygen Process (76-PVP-56) **PVT 314**
Takata, H. Stall Margin Improvement by Casing Treatment—Its Mechanism and Effectiveness (76-GT-A) **P 121**
Takeuti, Y. Plane Thermoelastic Problem in a Multiply Connected Orthotropic Body **AM 431**
Tallian, T. E. Lubrication of Surfaces Having Area-Distributed Isotropic Roughness (D) (AC) **L 329**
Talukder, N. An Experimental Study of the Fluid Dynamics of Multiple Noncritical Stenoses **BE 74**
Tamir, A. The Effect of Surface Suction on Condensation in the Presence of a Noncondensable Gas (TN) **HT 496**
Tamura, K. The Design of a Signal Synthesis Model Reference Adaptive Control System for Linear Unknown Plants **DS 123**
Tanaka, H. Laminarization in Low Reynolds Number Turbulent Duct Flows (TN) **HT 682**
Tanaka, T. Lower Bounds to the Collapse Load of a Thick Circular Cylinder Subjected to Internal Pressure and Shear (BN) **AM 766**. A Study of a High Specific Speed Propeller Pump: Type of Propeller and Interrelation of Design Parameters (TB) **F 601**
Tanaka, K. Friction and Wear of Glass and Carbon Fiber-Filled Thermoplastic Polymers **L 408**
Tangent Railroad Tracks
An Investigation of Factors Contributing to Wide Gage on Tangent Railroad Track (75-WA/RT-1) **I 1**
Tapered Beams
Frequency and Loss Factors of Tapered Symmetric Sandwich Beams (BN) **AM 511**
The Transverse Vibration of a Doubly Tapered Beam **AM 123**
Tapered Double Cantilever Beams
Further Dynamic Finite Element Analysis of the Tapered DCB Specimen **MT 324**
Tapered Roller Bearings
Analysis of Tapered Roller Bearings Considering High Speed and Combined Loading (D) (AC) **L 140**
Tapper, D. N. Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) **P 399**. (D) **P 404**. (AC) **P 405**
Tapping Mechanics
On the Mechanics of Tapping by Cutting (76-WA/Prod-25) **I 257**
Tatara, Y. Effects of External Force on Contacting Times and Coefficients of Restitution in a Periodic Collision (BN) **AM 773**
Tauchert, T. R. A Residual Method With Lagrange Multipliers for Transient Heat Conduction Problems (TN) **HT 495**
Taylor, C. E. *(reviewer)* Progress in Experimental Mechanics (BR) **AM 189**
Taylor, C. M. *(editor)* Cavitation and Related Phenomena in Lubrication (BR) **L 136**. An Estimation of the Effect of Fluid Inertia on the Performance of the Plane Inclined Slider Thrust Bearing With Particular Regard to Turbulent Lubrication **L 129**
Taylor-Gortler Vortices
The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) **AM 11**
Taylor Instability
Role of Taylor Instability on Sublimation of a Horizontal Slab of Dry Ice (76-WA/HT-67) **HT 411**
Teare, J. D. Laser Beam-Hygroscopic Aerosol Interactions (75-WA/HT-42) **HT 281**
Technical Briefs
The Breakup Length of Turbulent Liquid Jets **F 414**
Calculated Orifice Plate Discharge Coefficients at Low Reynolds Numbers **F 424**. (D) (AC) **F 425**
Determination of Plastic Contact Length Between Chip and Tool in Machining **I 802**
Deterministic Disturbance Rejection in Linear Identification (TB) **DS 307**
Dynamics of an Electrohydraulic Stepping Motor **DS 63**
Dynamic Model of Expanded Polyethylene for Package Cushion Applications **MT 278**
The Effect of Plastic Strain Followed by Aging on the Elastic Limit of Quenched and Tempered and Austempered 4340 Steel **MT 393**
Erosive-Corrosive Wear of Copper **L 302**
An Experimental Study of Choked Flow in Short Pipes With Low Air Water Mass Fractions **F 421**
Frequency Response of a Tube Bundle in Water **F 416**
Hysteresis Test on Bolts (TB) **O 909**
An Improved Method for Numerical Integration of Constitutive Equations of the Work Hardening-Recovery Type **MT 275**
Liquid-Solid Impact Calculations With Triangular Elements **F 598**
The Lubrication of Short, Flexible Journal Bearings **L 376**
Mechanical Efficiency of a Variable-Speed, Fixed-Center, V-Belt Drive **I 806**
A Method for the Construction of Flow Nozzles and Wind Tunnel Contraction Sections (TB) **F 772**
Modified Tietjens Function for Asymptotic Analysis of Shear Flow Stability **F 256**
Nonaxisymmetric Flow in the Narrow Gap Between a Rotating and a Stationary Disk With an Eccentric Source **F 418**
Nonlinear Analysis of Surge Cycles **F 258**
A Note in Comment on "A Reynolds Stress Model for Turbulent Corner Flows" **F 593**. (D) **F 596**. (AC) **F 597**
A Note on the Early Development of Control Theory **DS 211**
Optimum Concentration Ratio for a Solar Central-Receiver Electric Power Plant **P 490**
Overload Effects on Fatigue Damage of Wire-Rope Pendants **MT 277**
Plane Strain Deformation Processing Limits in Unidirectionally Reinforced Composites **MT 94**
Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite Time Settling Controller/Observer **DS 209**
Series-Parallel and Parallel Identification Schemes for a Class of Continuous Nonlinear Systems **DS 137**
Simplified Solution for Elliptical-Contact Deformation Between Two Elastic Solids **MT 485**
Stability of a Curved Free Streamline **F 603**
A Study of a High Specific Speed Propeller Pump: Type of Propeller and Interrelation of Design Parameters **F 601**
A Study of Tube Eversion **MT 93**
Upper Bound of Deep Indentation **I 804**
Variable Time Steps for Simulating Transient Liquid Flow by Method of Characteristics **F 259**
Technical Notes
An Analysis of Steady Fully Developed Heat Transfer in A Rotating Straight Pipe **HT 148**
Analytical Solutions for Single- and Two-Phase Models of Packed-Bed Thermal Storage Systems **HT 489**
Application of Schwarz-Neumann Technique to Fully Developed Laminar Heat Transfer in Noncircular Ducts **HT 332**
Buoyancy Cross-Flow Effects on Longitudinal Boundary Layer Flow Along a Heated Horizontal Hollow Cylinder **HT 122**
Calculation of Shape Factors Between Rings and Inverted Cones Sharing a Common Axis **HT 492**
The Effect of Surface Suction on Condensation in the Presence of a Noncondensable Gas **HT 496**
Effect of Tilt and Horizontal Aspect Ratio on Natural Convection in a Rectangular Honeycomb **HT 120**
Entrainment Characteristics of Buoyant Axisymmetric Plumes in Atmospheric Inversions **HT 335**
An Experimental Study of Heat Transfer to Developing Water Film Flow Over Cylinders **HT 152**
Forced Convection Within Straight Noncircular Ducts **HT 485**
Free Convection Effects on the Stokes Problem for an Infinite Vertical Plate **HT 499**
Free Convection in an Enclosure Revisited **HT 340**
Heat Conduction in an Anisotropic Medium Homogeneous in Cylindrical Regions—Steady State **HT 132**
Heat Conduction in a Stack of Parallelograms Separated by Thin Partition Walls **HT 127**
Heat Transfer in an Axisymmetric Separated and Reattached Flow Over a Longitudinal Blunt Circular Cylinder **HT 155**
Heat Transfer in the Entrance Region of a Straight Channel: Laminar Flow With Uniform Wall Heat Flux **HT 142**
Heat Transfer to Flowing Gas-Solid Mixtures **HT 145**
Heat Transfer in a Three-Dimensional Anisotropic Solid of Arbitrary Shape **HT 135**
Local Nonsimilar Solutions for Subliming Particle-Vapor Boundary-Layer Flow **HT 342**
Mean Temperature Difference in Odd-Tube-Pass Heat Exchangers **HT 487**
Non-Fourier Heat Conduction in Thin Surface Layers **HT 343**
A Note on Convective Instabilities in Boussinesq Fluids and Porous Media **HT 338**
Prediction of Local Heat Transfer on a Rotating Disk By a Two-Equation Model of Turbulence **HT 151**
Radiation-Convection Interaction in an Absorbing-Emitting Liquid in Natural Convection Boundary Layer Flow **HT 125**
Relationships Among Boundary Conditions and Nusselt Numbers for Thermally Developed Duct Flows **HT 483**
A Residual Method With Lagrange Multipliers for Transient Heat Conduction Problems **HT 495**
On the Solution of Transient Conduction With Temperature-Dependent Thermal Conductivity **HT 137**
Thermal Contact Conductance Correlation for Stacks of Thin Layers in High Vacuums **HT 139**
Two-Dimensional Effects on Heat Transfer Rates From an Array of Straight Fins **HT 129**
Void Fraction Measurement With a Rotating Electric Field Conductance Gauge **HT 330**
Tectonic Stressers
On the Structural Behavior of Progressively Mined Solution Cavities in Salt **AM 565**
Teers, M. L. An Articulated Multiline Production Riser for Deepwater Application (76-Pet-44) **PVT 158**. Design, Fabrication, and Installation of a Prototype Multiline Marine Production Riser System (76-Pet-45) **PVT 164**
Tees
Experimental Stress Analysis for Four 24-in. ANSI Standard B16.9 Tees (77-PVP-4) **PVT 537**
Temperature Dependences
Temperature Dependences of the Elastic Constants of Precipitation-Hardened Aluminum Alloys 2014 and 2219 **MT 181**
Temperature Differences
Film Cooling of Gas Turbine Blades: A Study of the Effect of Large Temperature Differences on Film Cooling Effectiveness (76-GT-2) **P 11**
Temperature Distributions
Free Convection Along A Nonisothermal Vertical Flat Plate (75-WA/HT-15) **HT 72**
Steady State Temperature Distribution in a Solid Cylinder Moving in the Direction of its Axis Through a Cross-Flow of Hot Gas **HT 668**
Temperature Distributions in Fire-Exposed Building Columns **HT 113**
Temperature Elevations
Low-Cycle Fatigue of AISI 1010 Steel at Temperatures up to 1200°F (649°C) (76-WA/PVP-3) **PVT 432**
Temperature Environments
Prediction of Yield in Ductile Materials Operating at Creep Temperatures (76-WA/GT-11) **P 425**
Temperature Fluctuation
Effects of Fluctuating Moisture and Temperature on the Mechanical Response of Resin-Plates **AM 571**
Temperature Measurements
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) **P 385**
Temperature Sensing
Fluidic Thermistors or Fluidic Temperature Sensing With Capillaries (76-WA/TM-1) **P 406**. (D) (AC) **P 411**
Tempered Steel
The Effect of Plastic Strain Followed by Aging on the Elastic Limit of Quenched and Tempered and Austempered 4340 Steel (TB) **MT 393**
Temraz, H. M. Analysis of Conduction-Controlled Rewetting of a Vertical Surface (D) (AC) **HT 502**
Tennessee Valley Authority
Analysis of the Tennessee Valley Authority Gallatin No. 2 Unit Turbine Rotor Burst (D) (AC) **MT 283**
Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) **P 399**. (D) **P 404**. (AC) **P 405**
Tensile Behavior
Representation of Elevated-Temperature Tensile Behavior of

Type 304 Stainless Steel in a Sodium Environment **MT 366**
Strain Rate Effects on the Elevated-Temperature Tensile Behavior of a Bainitic 2 1/4 Cr-1 Mo Steel **MT 350**

Tensile Ductility
The Tensile Ductility of Austenitic Steels in Air and Hydrogen **MT 153**

Tensile Properties
Assessment of Tensile and Creep Data for Types 304 and 316 Stainless Steel (76-PVP-31) **PVT 298**

Tensile Specimens
The Influence of Strain Hardening and Strain-Rate Sensitivity on Sheet Metal Forming **MT 264**

Tensile Strength
On the Tensile and Compressive Strength of Solids Weakened (Strengthened) by an Inhomogeneity (77-WA/APM-4) **AM 449**

Tension
Experimental Investigation of the Angled Elliptic Notch Problem in Tension (77-WA/APM-6) **AM 455**
Models for Fibrous Composites With Different Properties in Tension and Compression **MT 344**
Stresses Around a Rib-Reinforced Elliptic Hole in a Circular Cylindrical Shell Under Tension (76-PVP-13) **PVT 12**

Tension Tests
A Modified Tension Test **MT 252**

Terminal Devices
Kinematic Analysis of Coupled Arm Prostheses **BE 110**

Tesar, D. Synthesis of Spring Parameters to Balance General Forcing Functions in Planar Mechanisms (76-DET-45) **I 347**; (D) (AC) **I 352**. Synthesis of Spring Parameters to Satisfy Specified Energy Levels in Planar Mechanisms (76-DET-44) **I 341**. The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) **I 715**

Tessmann, R. K. Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (D) **L 156**; (AC) **L 157**

Test Reactors
Flow-Induced Bending of Rectangular Plates (77-APM-14) **AM 207**

Test Readings
Practical Method for Estimating Number of Test Readings Required (D) **P 36**

Testa, F. J. Solution Bounds for Transient Vibration Problems (76-WA/APM-27) **AM 159**

Tetrahedron Elements
High Velocity Impact Calculations in Three Dimensions **AM 95**

Texas Lignite
The Influence of Drying and Stress on the Permeability of Texas Lignite (77-Pet-26) **PVT 634**

Textile Fibers
A Unique Cotton Sliver Drafting System (76-Tex-4) **I 61**

Teyssandier, R. G. Calculated Orifice Plate Discharge Coefficients at Low Reynolds Numbers (TB) **F 424**; (D) (AC) **F 425**

Thangam Babu, P. V. Solution Bounds for Transient Vibration Problems (76-WA/APM-27) **AM 159**

Thaw Subsidence
A Mechanical Model for Permafrost Thaw Subsidence (76-Pet-54) **PVT 183**

Thawed Permafrost
Loading Mechanisms in Thawed Permafrost Around Arctic Wells (77-Pet-22) **PVT 641**

Thayer, W. J. Dynamic Stiffness and Damping of Externally Pressurized Gas Lubricated Journal Bearings (76-Lub-33) **L 101**

The, J. H. L. High-Speed Films of the Incipient Cutting Process in Machining at Conventional Speeds (76-WA/Prod-26) **I 263**

Theocaris, P. S. Asymmetric Branching of Cracks (77-WA/APM-16) **AM 611**; Experimental Solution of Flexed Plates by the Method of Caustics (77-APM-12) *AM 107*; A Star-Shaped Array of Curvilinear Cracks in an Infinite Isotropic Elastic Medium **AM 619**; Static and Dynamic Stress Intensity Factors by the Method of Transmitted Caustics **MT 105**

Thermal Analysis
Thermal Analysis of Capacitor Discharge Welding and its Correlation With Observed Stress Wave Emission (SWE) **MT 379**

Thermal Boundary Layers
Singular Parabolic Partial-Differential Equations That Arise in Impulsive Motion Problems **AM 396**

Thermal Conductivity
Approximate Solution for Convective Fins With Variable Thermal Conductivity (D) (AC) **HT 692**
Downhole Measurements of Thermal Conductivity in Geothermal Reservoirs (77-Pet-23) **PVT 607**
On the Solution of Transient Conduction With Temperature-Dependent Thermal Conductivity (TN) **HT 137**
Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique **BE 148**

Thermal Contact Conductance
Thermal Contact Conductance Correlation for Stacks of Thin Layers in High Vacuums (TN) **HT 139**

Thermal Control Systems
Planar Thermic Elements for Thermal Control Systems **DS 41**

Thermal Diffusion
The Effect of Thermal Diffusion on Flow Stability Between Two Rotating Cylinders **L 319**

Thermal Diffusivity
Effective Thermal Diffusivity for a Multimaterial Composite Laminate (75-WA/HT-90) **HT 466**
Thermal Conductivity and Thermal Diffusivity of Biomaterials: A Simultaneous Measurement Technique **BE 148**

Thermal Effluents
Prediction of Turbulent Forced Plumes Issuing Vertically Into Stratified or Uniform Ambients **HT 99**

Thermal Discharges
An Analysis of Deep Submerged Multiple-Port Buoyant Discharges (76-WA/HT-19) **HT 648**; (D) (AC) **HT 654**

Thermal-Elastic Analysis
High Temperature Thermal-Elastic Analysis of Dissimilar Metal Transition Joints (76-Mat-BB) **MT 65**

Thermal Gradients
Creep Analysis of Metallic Structures in the Presence of Thermal Gradients Using Newer Constitutive Relations (76-PVP-30) **PVT 272**

Thermal Parameters
Sequential Estimation of Thermal Parameters **HT 314**

Thermal Injury
Kinetics of Thermal Injury in Cells **BE 155**

Thermal Performance
The Effect of Heat Transfer Coefficient, Local Wet Bulb Temperature and Droplet Size Distribution Function on the Thermal Performance of Sprays **HT 381**
Thermal Performance Models and Drift Loss Predictions for a Spray Cooling System **HT 274**

Thermal Power
Characteristics of Rheinisch Brown Coals With Respect to their Combustion and Fouling Behavior in Thermal Power Stations (76-WA/CD-3) **P 679**

Thermal Process Control
Microcomputer Implementation of Direct Digital Control Algorithms for Thermal Process Control Applications (77-WA/Aut-4) **DS 233**

Thermal Storage Systems
Analytical Solutions for Single- and Two-Phase Models of Packed-Bed Thermal Storage Systems (TN) **HT 489**

Thermal Stress
Analysis of Thermal Stresses and Residual Stress Changes in Railroad Wheels Caused by Severe Drag Braking (75-WA/RT-3) **I 18**
Thermal Stress Effects and Surface Cracking Associated With Laser Use on Human Teeth (77-WA/Bio-3) **BE 189**
Thermal Stresses Induced into Two Plane Strain Sectors Having Different Material Properties (76-PVP-36) **PVT 26**

Thermally Developed Pipes
Relationships Among Boundary Conditions and Nusselt Numbers for Thermally Developed Duct Flows (TN) **HT 483**

Thermics
Planar Thermic Elements for Thermal Control Systems **DS 41**

Thermistors
Fluidic Thermistors or Fluidic Temperature Sensing With Capillaries (76-WA/TM-1) **P 406**; (D) (AC) **P 411**

Thermochemical Mechanisms
Erosive Effects of High Pressure and High Temperature Gases on Steel **MT 239**

Thermoconvective Motion
Thermoconvective Motion of Low Prandtl Number Fluids Within a Horizontal Cylindrical Annulus **HT 596**

Thermodynamics
A Note on Thermodynamics of Constrained Materials (BN) **AM 787**
Stirling Engines With a Chemically Reactive Working Fluid—Some Thermodynamic Effects **P 284**
The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors (76-WA/PID-15) **I 749**

Thermoelastic Instabilities
Experimental Verification of Thermoelastic Instabilities in Sliding Contact (76-Lub-21) **L 359**; (D) **L 364**
A Theoretical Study of the Effects of Cooling on Thermoelastic Contact Instabilities (76-Lub-14) **L 247**; (D) (AC) **L 253**

Thermoelastic Problems
Plane Thermoelastic Problem in a Multiply Connected Orthotropic Body **AM 431**

Thermoelasticity
Crack Problem for a Semi-Infinite Solid With Heated Bounding Surface **AM 637**
Dynamic Problems of Thermoelasticity (BR) **AM 366**
The Linear Theory of Thermoelasticity (BR) **AM 189**

Thermography
On the Feasibility of Obtaining Three-Dimensional Information From Thermographic Measurements **BE 58**

Thermokinetic Analysis
Investigation of Surface Temperature in Electro-Discharge Machining (76-WA/Prod-8) **I 682**

Thermometers
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) **P 385**

Thermoplastic-Photoconductor Device
A Dynamic Optical Correlation Technique for Fatigue Failure Prediction **MT 229**

Thermoplastic Polymers
Friction and Wear of Glass and Carbon Fiber-Filled Thermoplastic Polymers **L 408**

Thick-Walled Plates
Growth Characteristics of Part-Through Cracks in Thick-Walled Plates and Tubes (76-PVP-39) **PVT 105**

Thick-Walled Tubes
The Compression of Thick-Walled Tubes by External Pressure (77-PVP-2) **PVT 516**

Thin Blades
Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (77-FE-5) **F 531**; (D) **F 540, 541**; (AC) **F 541**

Thin Channels
Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) **L 224**

Thin Film Conduction
Thin Film Conducting and Semiconducting Resistance Thermometers for Surface Temperature Measurement (76-WA/TM-2) **P 385**

Thin Layer Stacks
Thermal Contact Conductance Correlation for Stacks of Thin Layers in High Vacuums (TN) **HT 139**

Thin-Shell Finite Elements
Instability Analysis of Torispherical Pressure Vessel Heads with Triangular Thin-Shell Finite Elements (76-PVP-33) **PVT 64**

Thin Shells of Revolution
Saint-Venant's Principle and the Torsion of Thin Shells of Revolution (D) (AC) **AM 361**

Thomas, G. G. *(author)* Engineering Metrology (BR) **L 304**

Thomas, L. C. Transient Convective Heat Transfer for Laminar Boundary Layer Flow With Effects of Wall Capacitance and Resistance **HT 513**

Thomas, T. R. Stiffness of Machine Tool Joints: A Random-Process Approach (76-WA/Prod-23) **I 250**

Thomet, M. A. Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) **I 841**

Thompson, J. C. An Exact Solution for the Superseismic Stage of Dynamic Contact Between a Punch and an Elastic Body **AM 583**

Thompson, P. A. Simple Predictions for the Sonic Conditions in a Real Gas **F 217**

Thompson, R. A. On the Doubly Regenerative Stability of a Grinder: the Combined Effect of Wheel and Workpiece Speed (76-WA/Prod-19) **I 237**

Thompson, T. W. The Influence of Drying and Stress on the Permeability of Texas Lignite (77-Pet-26) **PVT 634**

Thomsen, E. G. A Modified Tension Test **MT 252**

Thomson, W. T. Recursive Least-Squares Time Domain Identification of Structural Parameters **AM 135**; Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) **AM 322**

Thorbergsen, E. Thermal Design of Pavement Structures in Seasonal Frost Areas **HT 533**

Thornton, P. H. The Interplay of Geometric and Materials Variables in Energy Absorption **MT 114**

Three-Dimensional Analysis

Elementary Three-Dimensional Interactive Rotor Blade Impact Analysis (D) (AC) **P 493**

Three-Dimensional Analysis of an Elastic Plate-Cylinder Intersection by the Boundary-Point-Least-Squares Technique (76-PVP-34) **PVT 17**

Three-Dimensional Analysis of Sliding Surfaces During High Velocity Impact (BN) **AM 771**

Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) **PVT 367**

Three-Dimensional Cutting Forces

Matrix Representation and Prediction of Three-Dimensional Cutting Forces **I 828**

Three-Dimensional Flow

Calculation of the Quasi Three-Dimensional Flow in a Turbomachine Blade Row (76-GT-56) **P 53**

On the Calculation of Three-Dimensional Divergent and Rotational Flow in Turbomachines **F 187**; (D) **F 427, 428**; (AC) **F 428**

Three-Dimensional Flow Field in Rocket Pump Inducers Part 2: Three-Dimensional Viscid Flow Analysis, and Hot Wire Data on Three-Dimensional Mean Flow and Turbulence Inside the Rotor Passage (75-WA/FE-21) **F 176**

Three-Dimensional Flow Within a Turbine Cascade Passage (76-GT-50) **P 21**

Three-Dimensional Potential Flow and Effects of Blade Dihedral in Axial Flow Propeller Pumps (76-FE-24) **F 167**

Three-Dimensional Flow Fields

Measurement of the Three-Dimensional Flow Field Behind an Axial Compressor Stage (76-GT-18) **P 168**; (D) **P 179**; (AC) **P 180**

Three-Dimensional Loading

Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) **AM 243**

Three-Dimensional Mechanisms

A Dependable Method for Solving Matrix Loop Equations for the General Three-Dimensional Mechanism (76-DET-53) **I 547**

Three-Layered Rings

Transient Response of Three-Layered Rings (77-APM-21) **AM 299**

Thrombosis

Numerical Study of the Steady Axisymmetric Flow Through a Disk-Type Prosthetic Heart Valve in a Constant Diameter Chamber **BE 91**

Through Cracks

On Through Cracks at Interference Fit Fasteners (76-PVP-5) **PVT 75**

Through Flow

Calculation of the Quasi Three-Dimensional Flow in a Turbomachine Blade Row (76-GT-56) **P 53**

A Centrifugal Compressor Flow Analysis Employing a Jet-Wake Passage Flow Model (76-FE-21) **F 141**

Thrust Bearings

An Accurate Solution of the Gas Lubricated, Flat Sector Thrust Bearing (76-Lub-9) **L 82**; (D) (AC) **L 307**

A Class of Maximum Load Capacity Sector Thrust Bearings (76-Lub-6) **L 180**; (D) **L 184**; (AC) **L 186**

Design of Efficient Turbulent Thrust Bearings (76-Lub-29) **L 113**

The Dual Action Gas Thrust Bearing—A New High Load Bearing Concept (76-Lub-11) **L 89**

Dynamic Characteristics of Externally Pressurized Rectangular Porous Gas Thrust Bearings (D) (AC) **L 141**

An Estimation of the Effect of Fluid Inertia on the Performance of the Plane Inclined Slider Thrust Bearing With Particular Regard to Turbulent Lubrication **L 129**

Static and Dynamic Performance of an Infinite Stiffness Hydrostatic Thrust Bearing **L 106**

Thrust Bearing Characteristics in Impulsively Generated Motion **L 365**

Thurston, G. A. Critical Bending Moment of Circular Cylindrical Tubes (BN) **AM 173**

Thykkuttathil, J. J. A Three Dimensional Density Field Measurement of Transonic Flow From a Square Nozzle Using Holographic Interferometry **F 737**; (D) **F 743**; (AC) **F 744**

Tielemans, L. P. M. Conditions of Leakage-Free Operation of Herringbone Grooved Journal Bearings (76-Lub-27) **L 215**; (D) (AC) **L 222**

Tien, C. L. The Use of the Milne-Eddington Absorption Coefficient for Radiative Heat Transfer in Combustion Systems **HT 458**

Tien, K. K., Forced Convection Heat Transfer at an Inclined and Yawed Square Plate—Application to Solar Collectors **HT 507**

Tietjens Function

Modified Tietjens Function for Asymptotic Analysis of Shear Flow Stability (TB) **F 256**

Tilt

Effect of Tilt and Horizontal Aspect Ratio on Natural Convection in a Rectangular Honeycomb (TN) **HT 120**

Time Domain Behavior

An Improved Symbolic Manipulation Technique for the Simulation of Nonlinear Dynamic Systems With Mixed Time-Varying and Constant Terms **DS 157**

Time-Domain Identification

Recursive Least-Squares Time Domain Identification of Structural Parameters **AM 135**

Time Domain Operations

The Time Domain of Centrifugal Compressor and Pump Stability and Surge **F 53**; (D) **F 59–61**; (AC) **F 62**

Time Series

Dynamic Data System: A New Modeling Approach (76-WA/Prod-24) **I 708**

Time-Varying Gain Method

Vehicle-Follower Control With Variable-Gains for Short Headway Automated Guideway Transit Systems **DS 183**

Timoshenko Beams

Stability of Elastically Restrained Timoshenko Cantilevers With Attached Masses Subjected to a Follower Force (77-WA/APM-7) **AM 731**

Timoshenko Beam Theory Is Not Always More Accurate Than Elementary Beam Theory (BN) **AM 337**; (D) **AM 357–359**; (AC) **AM 359**; (D) **AM 797, 798**; (AC) **AM 799**

Transverse Vibration of a Uniform Simply Supported Timoshenko Beam Without Transverse Deflection (D) (AC) **AM 362**

Traveling Loads on a Viscoelastic Timoshenko Beam (BN) **AM 183**

Ting, F. T. C. Origin and Spacing of Cleats in Coal Beds (77-Pet-24) **PVT 624**

Ting, T. C. T. Plastic Wave Speeds in Isotropically Work-Hardening Materials (77-APM-13) **AM 68**; *(reviewer)* Selected Topics in Wave Propagation (BR) **AM 518**

Tip Clearance

Aerodynamic Characteristics of a Rectangular Wing With a Tip Clearance in a Channel **AM 541**

Tirosh, J. Continuous Extrusion by Viscous Drag (76-Mat-Z) **MT 52**; Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) **I 685**; On the Tensile and Compressive Strength of Solids Weakened (Strengthened) by an Inhomogeneity (77-WA/APM-4) **AM 449**; Upper Bound of Deep Indentation (TB) **I 804**

Tishkoff, J. M. Application of a Class of Distribution Functions to Drop-Size Data by Logarithmic Least-Squares Technique **P 684**

Titanium

Fatigue Damage Detection in 2024-T3 Aluminum, Titanium, and Low Carbon Steel by Optical Correlation **MT 319**

Titanium Alloys

A J-Integral Approach to Crack Resistance for Aluminum, Steel, and Titanium Alloys **MT 97**; (D) **MT 395**; (AC) **MT 397**

Tlusty, J. Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) **I 766**

Tobler, R. L. Fracture Mechanics Parameters for a 5083-0 Aluminum Alloy at Low Temperatures **MT 306**

Tomita, O. Deceleration Rate Parameter and Algebraic Prediction of Turbulent Boundary Layer (D) (AC) **F 394**

Tomizuka, M. Deterministic Disturbance Rejection in Linear Identification (77-WA/Aut-1) (TB) **DS 307**; Process Control Experience and a Self-Tuning Method for a Discrete-Time, Finite Time Settling Controller/Observer (TB) **DS 209**; Series-Parallel and Parallel Identification Schemes for a Class of Continuous Nonlinear Systems (TB) **DS 137**

Tønder, K. Effect of Gas Bubbles on Behavior of Isothermal Michell Bearings **L 354**; First Effect of Stokes Roughness on Hydrodynamic Lubrication (D) (AC) **L 308**; Lubrication of Surfaces Having Area-Distributed Isotropic Roughness (76-Lub-7) **L 323**; (D) (AC) **L 329**

Toney, S. Some Adverse Effects of Stress Corrosion in Steam Turbines (76-IPC-Pwr-8) **P 255**

Tool Life

Tool Life Variation and Its Influence on the Development of Tool Life Models (76-WA/Prod-1) **I 578**

Tool-Life Distributions

Tool-Life Distributions—Part 1: Single-Injury Tool-Life Model (76-WA/Prod-36) **I 519**; (D) **I 528**; (AC) **I 531**; Part 2: Multiple-Injury Tool-Life Model (76-WA/Prod-37) **I 523**; (D) **I 528**; (AC) **I 531**

Tool-Life Models

Fracture and Wear as Factors Affecting Stochastic Tool-Life Models and Machining Economics (75-WA/Prod-8) **I 281**; (D) (AC) **I 508**

Tooth Deformability

On the Elastokinematics of the Involute Gear Pair (76-DET-34) **I 648**

Toothed Couplings

Minimizing Assembly Imbalance in Turbomachine Rotors Made With Toothed Couplings: Locating Component Mass Centers (76-GT-51) **P 189**

Topham, D. R. The Deflection of an Ice Sheet by a Submerged Gas Source **AM 279**

Topper, T. H. Long-Life Notch Strength Reduction Due to Local Biaxial State of Stress **MT 215**

Tordion, G. V. Dynamic Stability of a Two-Stage Gear Train Under the Influence of Variable Meshing Stiffnesses **I 785**

Torispherical Heads

Instability Analysis of Torispherical Pressure Vessel Heads with Triangular Thin-Shell Finite Elements (76-PVP-33) **PVT 64**

Nonsymmetric Buckling of Internally Pressurized Ellipsoidal and Torispherical Elastic-Plastic Pressure Vessel Heads (76-PVP-25) **PVT 54**

Stress and Buckling of Internally Pressurized, Elastic-Plastic Torispherical Vessel Heads—Comparisons of Test and Theory (76-PVP-23) **PVT 39**

Torque

Lift on a Rotating Porous Cylinder **F 753**

The Theory of Torque, Shaking Force, and Shaking Moment Balancing of Four Link Mechanisms (76-WA/DE-24) **I 715**

Torque-Sensing Mechanism

Mechanical Efficiency of a Variable-Speed, Fixed-Center, V-Belt Drive (TB) **I 806**

Torsion

Rigidity Analysis and Optimization of Warren Beams in Torsion (76-WA/Prod-32) **I 269**

Saint-Venant's Principle and the Torsion of Thin Shells of Revolution (D) (AC) **AM 361**

Stress Concentration Around an Elliptic Hole in a Cylindrical Shell Under Torsion With Major Axis of the Hole Perpendicular to the Shell Axis (BN) **AM 184**

Torsional Amplitude Growth

Torsional Amplitude Growth With Resonant Forcing (76-WA/DE-20) **I 151**

Torsional Loading

The Inelastic Deformation of Pressurized Stainless Steel Tubes Under Dynamic Bending and Torsional Loading (76-PVP-24) **PVT 258**

Torsional Loads

Low-Cycle Fatigue Under Out-of-Phase Loading Conditions **MT 222**

Torsional Resonance Frequencies

Measurements of Torsional Dynamic Characteristics of the San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) **P 378**; (D) (AC) **P 383**

Torsional Strength

Prediction of Torsional Strength of Tubes **P 476**

Torsional Vibration

Sensitivity of Torsional Natural Frequencies (76-WA/DE-18) **I 142**

Torsional Waves

Torsional Wave Propagation in Inhomogeneous Elastic Cylinders (BN) **AM 355**

Torsionally Flexible Wheelsets

Hunting Stability of Rail Vehicles with Torsionally Flexible Wheelsets (75-WA/RT-2) **I 10**

Toscano, W. M. The Thermodynamic Performance of Oil-Flooded Helium Screw Compressors

(76-WA/PID-15) **I 749**

Townsend, M. A. On the Improvement of Deconvolution With Digitized Data Using a Runge-Kutta Integration Scheme **DS 190**; On Optimal Control Laws for a Class of Constrained Dynamical Systems (with Application to Control of Bipedal Locomotion) **DS 98**

Toyama, K. An Experimental Study of Surge in Centrifugal Compressors **F 115**; (D) **F 124–130**; (AC) **F 130**

Tracers

Quantitative Density Visualization in a Transonic Compressor Rotor **P 460**

Use of a Tracer to Determine Contribution of a Power Plant to Suspended Particulate Levels (76-WA/APC-1) **P 335**; (D) (AC) **P 341**

Track Failure

An Investigation of Factors Contributing to Wide Gage on Tangent Railroad Track (75-WA/RT-1) **I 1**

Track Gage

Influence of Axle Load, Track Gage, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) **I 186**; (D) **I 926**; (AC) **I 927**

Track Geometry

Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) **I 841**

Track-Mounted Reclaimer

Maximizing the Efficiency of Your Bucket Wheel Reclaimer **I 875**

Track Surfaces

Dynamic Life Estimation for Track Surfaces under Periodic Loadings and Nonuniform Backup Supports (D) **L 307**; (AC) **L 308**

Traexler, J. F. Defects and Fracture Strength of Large Rotor Forgings for Steam Turbines (D) (AC) **P 142**

Traffic Fatalities

A Three-Dimensional Mathematical Simulation of Pedestrian-Vehicle Impact With Experimental Verification (76-WA/Bio-1) **BE 116**

Transducers

A Motion Transducer for Use in the Intact In-Vitro Human Lumbar Spine **BE 160**

The Use of Plastic Cold Flow in the Development of an Externally Connected Transducer for Recording Pressure-Time Histories of Diesel Fuel Injection Phenomena and Its Application in Fault Diagnosis (76-DGP-3) **P 274**

Transform Inversion

Accurate Transform Inversion in the Elastodynamics of Heterogeneous Media (BN) **AM 352**; (Er) **AM 513**

Transient Conduction

On the Solution of Transient Conduction With Temperature-Dependent Thermal Conductivity (TN) **HT 137**

Transient Convection

Transient Convective Heat Transfer for Laminar Boundary Layer Flow With Effects of Wall Capacitance and Resistance **HT 513**

Transient Forced Convection

Approximate Solution to a Class of Transient Forced Convection Problems (77-GT-58) **P 567**

Transient Heat Conduction

Analysis of Early-Time Transient Heat Conduction by Method of Characteristics **HT 35**

Numerical Solution of Transient Heat Conduction Equation for Heat-Treatable Alloys Whose Thermal Properties Change With Time and Temperature **HT 471**

A Residual Method With Lagrange Multipliers for Transient Heat Conduction Problems (TN) **HT 495**

Transient Heat Conduction in Cryogenic Current Cables Following a Loss-of-Coolant Accident (TB) **HT 689**

Transient Liquid Flow

Variable Time Steps for Simulating Transient Liquid Flow by Method of Characteristics (TB) **F 259**

Transient Motion

The Transient Motion of a Cylindrical Shell of Arbitrary Cross Section in an Acoustic Medium (77-APM-33) **AM 482**

Transient Pool Boiling

Transient Pool Boiling Heat Transfer—Part 1: Incipient Boiling Superheat **HT 547**; Part 2: Boiling Heat Transfer and Burnout **HT 554**

Transient Pulse Propagation

The Effect of Reflections on Nonlinear, Transient Pulse Propagation in Laminated Composities **AM 683**

Transient Random Processes

Generalized Cumulants Representing a Transient Random Process in a Linear System **DS 103**

Transient Response

Vibrations and Dynamic Response of Viscoelastic Plates on Nonperiodic Elastic Supports (76-DE-H) **I 404**

Transient Subchannel Analysis

A Mathematical Model for Transient Subchannel Analysis of Rod-Bundle in Nuclear Fuel Elements (D) (AC) **HT 347**

Transient Thermal Singularities

Stress Intensity Factors in Edge-Cracked Plates Subjected to Transient Thermal Singularities (76-PVP-38) **PVT 100**

Transient Vibration

Solution Bounds for Transient Vibration Problems (76-WA/APM-27) **AM 159**

Transients

Analysis of Transients in an Adaptive Control Servomechanism for Milling With Constant Force (76-WA/Prod-31) **I 766**

Transit Vehicles

Vehicle-Follower Longitudinal Control for Automated Transit Vehicles **DS 241**

Transition

Effect of Track Geometry and Rail Vehicle Suspension on Passenger Comfort in Curves and Transitions (77-RT-2) **I 841**

An Experimental Investigation of Incompressible Channel Flow Near Transition (77-FE-19) **F 693**; (D) (AC) **F 698**

Transition Joints

High Temperature Thermal-Elastic Analysis of Dissimilar Metal Transition Joints (76-Mat-BB) **MT 65**

Transmissibility

Transmissibility Study of a Flexibly Mounted Rolling Element Bearing in a Porous Bearing Squeeze-Film Damper (76-Lub-4) **L 50**

Transmission

An Approximate Method of Analysis of the Transmission of Elastic Waves Through a Frictional Boundary **AM 652**

Transmission Angles

Design of Four-Bar Function Generators With Mini-Max Transmission Angle (76-DET-8) **I 360**; (D) **I 365**; (AC) **I 366**

Transmission Electron Microscopy

Analysis of Fatigue Fracture of Ball Joint Sockets by Indentation Hardness and Transmission Electron Microscopy (76-WA/Mat-3) **MT 80**

Transmission Systems

Measurements of Torsional Dynamic Characteristics of the San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) **P 378**; (D) (AC) **P 383**

Transmitted Caustics

Static and Dynamic Stress Intensity Factors by the Method of Transmitted Caustics **MT 105**

Transmural Pressure Difference

Steady Flow in Collapsible Tubes **BE 126**

Transonic Compressor Rotors

Quantitative Density Visualization in a Transonic Compressor Rotor **P 460**

Transonic Flow

Inverse Computation of Profile Shapes for Given Transonic Flow-Configurations With and Without Detached Bow-Shocks in Two-Dimensional Turbomachinery Cascades (77-GT-33) **P 601**

A Three Dimensional Density Field Measurement of Transonic Flow From a Square Nozzle Using Holographic Interferometry **F 737**; (D) **F 743**; (AC) **F 744**

Transonic Flow Around Rotor Blade Elements (D) **F 607**; (AC) **F 609**

Transpiration-Cooled System

Thermal Response of a Transpiration-Cooled System in a Radiative and Convective Environment **HT 628**

Transportation Vehicles

A Survey of Longitudinal Acceleration Comfort Studies in Ground Transportation Vehicles **DS 76**

Transverse Loading

A Shear Correction for Simply Supported Rectangular Plates (BN) **AM 502**

Transverse Vibration

Transverse Vibrations of Cantilever Beams Having Unequal Breadth and Depth Tapers (77-WA/APM-19) **AM 737**

The Transverse Vibration of a Doubly Tapered Beam **AM 123**

Transverse Vibration of a Plate Having an Eccentric Inner Boundary (BN) **AM 165**

Transverse Vibration of a Uniform Simply Supported Timoshenko Beam Without Transverse Deflection (D) (AC) **AM 362**

Trantina, G. G. Design Methodology for Ceramic Structures (77-GT-40) **P 559**

Trash Contamination

Comparative Analysis of Trash Contamination in Cotton by Optical Scanning (76-Tex-1) **I 46**

Trash Removal

The Effects of Fiber Properties and Preparation on Trash Removal and Properties of Open-End Cotton Yarns (76-Tex-7) **I 71**

Traveling Loads

Traveling Loads on Viscoelastic Plates on Nonlinear Foundations **AM 677**

Traveling Loads on a Viscoelastic Timoshenko Beam (BN) **AM 183**

Trefftz Energy Criterion

Snap-Through Buckling of the Low Arch by the Trefftz Criterion (BN) **AM 169**

Tresca's Yield Condition

Plastic Wave Speeds in Isotropically Work-Hardening Materials (77-APM-13) **AM 68**

Trezek, G. J. The Effect of Heat Transfer Coefficient, Local Wet Bulb Temperature and Droplet Size Distribution Function on the Thermal Performance of Sprays **HT 381**; Performance of a Spray Pond for Nuclear Power Plant Ultimate Heat Sink (75-WA/HT-41) **P 650**; Thermal Performance Models and Drift Loss Predictions for a Spray Cooling System **HT 274**

Triangular Elements

Calculation of Surface Deformation in Point Contact EHD **L 313**

Liquid-Solid Impact Calculations With Triangular Elements (TB) **F 598**

Triassic Sandstones

Some Field Permeation Properties of Fractured Permian and Triassic Sandstones in Northwest England (76-Pet-43) **PVT 187**

Tribology

Men of Tribology **L 382, 383**

Principles of Tribology (BR) **L 305**

"The Wear of Non-Metallic Materials" 3rd Leeds-Lyon Symposium on Tribology—Leeds, U.K., September 1976 (FR) **L 147**

Trikha, A. K. Variable Time Steps for Simulating Transient Liquid Flow by Method of Characteristics (TB) **F 259**

Triple Segmental Concept

A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) **P 441**

Troger, H. Response of a Nonlinear System Under Combined Parametric and Forcing Excitation (BN) **AM 179**

Troitsky, M. S. *(author)* Stiffened Plates: Bending, Stability and Vibrations (BR) **AM 516**

Truck Design

Effects of Truck Design on Hunting Stability of Railway Vehicles (76-WA/RT-1) **I 162**

Tsai, L.-w. Instantaneous Kinematics of a Special Two-Parameter Motion (76-DET-4) **I 336**; (D) (AC) **I 340**

Tsai, T. C. On Optimal Control Laws for a Class of Constrained Dynamical Systems (With Application to Control of Bipedal Locomotion) **DS 98**

Tsang, S. In-Vitro and Predicted In-Vivo Performances of a Pneumatically Regulated Artificial Ventricle **BE 83**; A Model of a Sac-Type Artificial Ventricle in Mock Circulation **BE 33**

Tse, Y. H. Influence of Nonlinear Wheel/Rail Contact Geometry on Stability of Rail Vehicles (D) **I 923, 924**; (AC) **I 925**

Tsou, R. C. H. Heat Conduction in an Anisotropic Medium Homogeneous in Cylindrical Regions—Unsteady State **HT 41**; Heat Conduction in an Anisotropic Medium Homogeneous in Cylindrical Regions—Steady State (TN) **HT 132**

Tsui, Y. T. On Wake-Induced Flutter of a Circular Cylinder in the Wake of Another (77-APM-28) **AM 194**

Tsujino, T. The Behavior of Bubbles in Non-Newtonian Lubricants **L 445**

Tsukizoe, T. Wear Mechanism of Unidirectionally Oriented Fiber-Reinforced Plastics **L 401**

Tsukuda, Y. Stall Margin Improvement by Casing Treatment—Its Mechanism and Effectiveness (76-GT-A) **P 121**

Tsurui, A. Fatigue Lives of Metals up to Crack Initiation **MT 212**; Fatigue of Metals as Stochastic Phenomena (76-Mat-X) **MT 26**

Tu, L. K. L. Defects and Fracture Strength of Large Rotor Forgings for Steam Turbines (D) (AC) **P 142**

Tube Arrays
A Brief Review of Flow Induced Vibrations of Tube Arrays in Cross-Flow (76-WA/FE-21) **F 517**
Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) **P 365**
Fluid Elastic Whirling of Tube Rows and Tube Arrays (76-WA/FE-26) **F 457**; (D) (AC) **F 461**
A Note on the Phase Relationships Involved in the Whirling Instability in Tube Arrays **F 727**; (D) **F 730**; (AC) **F 731**
Tube Banks
Dynamics of Heat Exchanger Tube Banks (76-WA/FE-28) **F 462**; (D) **F 467**; (AC) **F 468, 469**
A Preliminary Study of Flow and Acoustic Phenomena in Tube Banks (77-FE-7) **F 681**
Tube Bundles
Frequency Response of a Tube Bundle in Water (TB) **F 416**
Tube Elasticity
Stability of Poiseuille Flow in Elastic Tubes **AM 18**
Tube Eversion
A Study of Tube Eversion (TB) **MT 93**
Tube Flow
Freezing of an Advancing Tube Flow (TN) **HT 687**
Tube/Fluid Interaction
Dynamics of Heat Exchanger Tube Banks (76-WA/FE-28) **F 462**; (D) **F 467**; (AC) **F 468, 469**
Tube Heat Exchangers
Mean Temperature Difference in Odd-Tube-Pass Heat Exchangers (TN) **HT 487**
Tube Rows
Fluid Elastic Whirling of Tube Rows and Tube Arrays (76-WA/FE-26) **F 457**; (D) (AC) **F 461**
Tube Support Plates
Forced Vibration of Tube Support Plates in Power Plant Condensers With Friction Damping (76-Pwr-A) **P 106**
Tubes
The Compression of Thick-Walled Tubes by External Pressure (77-PVP-2) **PVT 516**
Critical Bending Moment of Circular Cylindrical Tubes (BN) **AM 173**
Entrance Correction for Creeping Flow in Short Tubes (TB) **F 778**
Erosion of a Tube by Gas-Particle Flow (76-WA/Mat-9) **MT 138**
Growth Characteristics of Part-Through Cracks in Thick-Walled Plates and Tubes (76-PVP-39) **PVT 106**
Heat Transfer in Curved Tubes With Pulsatile, Fully Developed Laminar Flows **HT 590**
The Inelastic Deformation of Pressurized Stainless Steel Tubes Under Dynamic Bending and Torsional Loading (76-PVP-24) **PVT 258**
Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) **HT 580**
Prediction of Torsional Strength of Tubes **P 476**
Steady Flow in Collapsible Tubes **BE 126**
Tubesheets
Effective Bending Properties for Stress Analysis of Rectangular Tubesheets (76-WA/Pwr-1) **P 365**
Tubing
The Viscoplastic Bending of Copper-Nickel and Steel Tubing **MT 387**
Tubular Heat Exchangers
A Method to Design Shell-Side Pressure Drop Constrained Tubular Heat Exchangers (76-JPGC-NE-1) **P 441**
Tucker, C. L., III Fluid Delivery and Metering for Reaction-Injection Molding (76-WA/PID-19) **I 678**
Tully, N. Static and Dynamic Performance of an Infinite Stiffness Hydrostatic Thrust Bearing **L 106**
Tung, S. K. Deposition of Suspensions in the Entrance of a Channel (D) (AC) **F 370**
Turbine Airfoil Passage
Three-Dimensional Flow Within a Turbine Cascade Passage (76-GT-50) **P 21**
Turbine Cascades
Secondary Flows in Compressor Bladings (76-GT-57) **P 211**
Turbine-Condenser Connections
Factors Affecting the Design of Turbine-Condenser Connections (76-JPGC-Pwr-3) **P 429**
Turbine Cycle Simulation
Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) **P 399**; (D) **P 404**; (AC) **P 405**
Turbine Design System
"IRIS"—A Computerized High Head Pump Turbine Design System (76-WA/FE-12) **F 567**; (D) **F 577, 578**; (AC) **F 579**
Turbine Generators
Measurements of Torsional Dynamic Characteristics of the San Juan No. 2 Turbine-Generator (76-JPGC-Pwr-4) **P 378**; (D) (AC) **P 383**
Turbine Rotor Burst
Analysis of the Tennessee Valley Authority Gallatin No. 2 Unit Turbine Rotor Burst (D) (AC) **MT 283**
Turbine Rotors
Defects and Fracture Strength of Large Rotor Forgings for Steam Turbines (75-Pwr-10) **P 134**; (D) (AC) **P 142**
Turbofan Exhaust
Altitude Engine Test of a Turbofan Exhaust Gas Mixer to Conserve Fuel (77-GT-97) **P 645**
Turbomachine Blade Row
Calculation of the Quasi Three-Dimensional Flow in a Turbomachine Blade Row (76-GT-56) **P 53**
Turbomachine Blades
The Response of Turbomachine Blades to Low Frequency Inlet Distortions (76-GT-19) **P 195**
Turbomachine Rotors
Minimizing Assembly Imbalance in Turbomachine Rotors Made With Toothed Couplings Locating Component Mass Centers (76-GT-51) **P 189**
Turbomachinery
A Nearly Three-Dimensional Intrablade Computing System for Turbomachinery (76-FE-19 & 76-FE-20) **F 154**; (D) (AC) **F 166**
Review—Progress in Numerical Turbomachinery Analysis (D) **F 438**; (AC) **F 439**
Three-Dimensional Potential Flow and Effects of Blade Dihedral in Axial Flow Propeller Pumps (76-FE-24) **F 167**
Turbomachinery Cascades
Inverse Computation of Profile Shapes for Given Transonic Flow-Configurations With and Without Detached Bow-Shocks in Two-Dimensional Turbomachinery Cascades (77-GT-33) **P 601**
Turbomachinery Flow Phenomena
A New Approach to the Experimental Study of Turbomachinery Flow Phenomena (76-GT-47) **P 97**
Turbomachinery Noise
REVIEW—A Critical Review of Turbomachinery Noise **F 278**
Turbomachines
On the Calculation of Three-Dimensional Divergent and Rotational Flow in Turbomachines **F 187**; (D) **F 427, 428**; (AC) **F 428**
Quasi-Three-Dimensional Numerical Solution of Flow in Turbomachines (76-FE-23) **F 132**; (D) **F 431**; (AC) **F 432**
REVIEW—A Review of the Fluid Mechanics of Aeroelasticity in Turbomachines **F 40**
Turbulence
Analysis of Effects of Free-Stream Turbulence on Heat Transfer and Skin Friction **HT 614**
Heat Transfer From Spheres in Naturally Turbulent Outdoor Environment (D) (AC) **HT 346**
Three-Dimensional Flow Field in Rocket Pump Inducers Part 2: Three-Dimensional Viscid Flow Analysis, and Hot Wire Data on Three-Dimensional Mean Flow and Turbulence Inside the Rotor Passage (75-WA/FE-21) **F 176**
Turbulence Modeling
Buoyant Jets Discharging Nonvertically Into a Uniform, Quiescent Ambient—A Finite-Difference Analysis and Turbulence Modeling **HT 641**
Turbulence Models
Prediction of Local Heat Transfer on a Rotating Disk By a Two-Equation Model of Turbulence (TN) **HT 151**
Turbulence Parameters
Derivation of Turbulent Transport Coefficients From Turbulent Parameters in Isotropic Turbulence **F 732**
Turbulent Boundary Layers
The Calculation of Turbulent Boundary Layers on Spinning and Curved Surfaces **F 231**; (D) **F 435, 436**; (AC) **F 437**
Deceleration Rate Parameter and Algebraic Prediction of Turbulent Boundary Layer (76-WA/FE-7) **F 390**; (D) (AC) **F 394**
An Investigation of the Forces on Three Dimensional Bluff Bodies in Rough Wall Turbulent Boundary Layers (76-WA/FE-1) **F 503**; (D) (AC) **F 510**
Turbulent Combustion
Effect of Molecular Gas Radiation on a Planar, Two-Dimensional, Turbulent-Jet-Diffusion Flame (76-HT-54) **HT 221**
Turbulent Corner Flows
A Note in Comment on "A Reynolds Stress Model for Turbulent Corner Flows" (TB) **F 593**; (D) **F 596**; (AC) **F 597**
Turbulent Duct Flow
Laminarization in Low Reynolds Number Turbulent Duct Flows (TN) **HT 682**
Properties of Wall Shear Stress Fluctuations in a Turbulent Duct Flow **AM 389**
Turbulent Flow
Heat/Mass Transfer Characteristics for Flow in a Corrugated Wall Channel **HT 187**
A Length-Scale Model for Developing Turbulent Flow in a Rectangular Duct (77-FE-4) **F 347**; (D) (AC) **F 784**
The Numerical Prediction of the Turbulent Flow and Heat Transfer in the Entrance Region of a Parallel Plate Duct (D) **HT 693**; (AC) **HT 694**
Numerical Computation of Flow in Rotating Ducts (76-FE-25) **F 148**
Numerical Predictions of Heat Transfer to Supercritical Helium in Turbulent Flow Through Circular Tubes (77-HT-6) **HT 580**
The Numerical Prediction of the Turbulent Flow and Heat Transfer in the Entrance Region of a Parallel Plate Duct (D) **HT 347**; (AC) **HT 349**
Oscillating Turbulent Flow in a Conical Diffuser (D) **F 790**; (AC) **F 791**
A Solution of Freezing of Liquids of Low Prandtl Number in Turbulent Flow Between Parallel Plates **HT 20**
Turbulent Flows Near Steps in a Thin Channel With One Moving Wall (76-Lub-3) **L 224**
Turbulent Forced Plumes
Prediction of Turbulent Forced Plumes Issuing Vertically Into Stratified or Uniform Ambients **HT 99**
Turbulent Heat Transfer
Turbulent Heat Transfer Studies in Annulus With Inner Cylinder Rotation (75-WA/HT-55) **HT 12**
Turbulent Jet Mixing
Increased Turbulent Jet Mixing Rates Obtained by Self-Excited Acoustic Oscillations (77-FE-18) **F 520**; (D) **F 788**; (AC) **F 789**
Turbulent Jets
Prediction of the Three-Dimensional Velocity Field of a Deflected Turbulent Jet **F 758**
Turbulent Kinetic Energy
Application of a K-ε Turbulence Model to Natural Convection From a Vertical Isothermal Surface (76-HT-17) **HT 79**
Turbulent Liquid Jets
The Breakup Length of Turbulent Liquid Jets (TB) **F 414**
Turbulent Lubricant
An Estimation of the Effect of Fluid Inertia on the Performance of the Plane Inclined Slider Thrust Bearing With Particular Regard to Turbulent Lubrication **L 129**
Turbulent Pipe Flow
Heat Transfer from a Cylinder in Crossflow Situated in a Turbulent Pipe Flow **HT 425**
Response of a Turbulent Pipe Flow to a Change in Roughness (77-FE-3) **F 548**; (D) **F 553, 554**; (AC) **F 554**
Turbulent Shear Layers
Mass Diffusion from a Point Source in a Neutral Turbulent Shear Layer **HT 433**
Turbulent Thrust Bearings
Design of Efficient Turbulent Thrust Bearings (76-Lub-29) **L 113**
Tuve, F. Reliability of Railroad Roller Bearings (D) **L 38**; (AC) **L 39**
Tuzson, J. Stability of a Curved Free Streamline (TB) **F 603**
Twisted Wire Cables
Axial Impact of Twisted Wire Cables (77-APM-2) **AM 127**
Two-Bar Frames
Nonlinear Stability Analysis of an Eccentrically Loaded Two-Bar Frame **AM 701**
Two-Dimensional Channels
Stability Analysis of Straight and Buckled Two-Dimensional Channels Conveying an Incompressible Flow **AM 548**
Two-Dimensional Computer Programs
Quasi-Three-Dimensional Numerical Solution of Flow in Turbomachines (76-FE-23) **F 132**
Two-Dimensional Effects
Two-Dimensional Effects on Heat Transfer Rates From an Array of Straight Fins (TN) **HT 129**
Two-Layer Problem
The Contact Problem for a Rigid Cylinder Pressed Between

Two Elastic Layers (76-APM-QQ) **AM 36**

Two-Loop Mechanisms
Existence Criteria of Two-Loop Six-Link R-R-C-C-R-C-C Spatial Mechanism (76-DET-38) **I 630**

Two-Parameter Motion
Instantaneous Kinematics of a Special Two-Parameter Motion (76-DET-4) **I 336**. (D) (AC) **I 340**

Two-Phase Condensing Flow
An Experimental and Theoretical Investigation Into Thermally Governed Transient Flow Surges in Two-Phase Condensing Flow **HT 561**

Two-Phase Flow Correlations
An Evaluation of Existing Two-Phase Flow Correlations for Use With ASME Sharp Edge Metering Orifices (76-WA/FM-3) **P 343**

Two-Phase Materials
The Modeling of Flow Concentration in Two-Phase Materials (D) (AC) **MT 185**
Theory of Superplastic Flow in Two-Phase Materials: Roles of Interphase-Boundary Dislocations, Ledges, and Diffusion **MT 244**

Two-Phase Models
Analytical Solutions for Single- and Two-Phase Models of Packed-Bed Thermal Storage Systems (TN) **HT 489**

Two-Phase Slug Flow
Vertically Downward Two-Phase Slug Flow (D) (AC) **F 263**

U

Udwadia, F. Transient Response of a Shear Beam to Correlated Random Boundary Excitation (77-APM-24) **AM 487**

Ultra-High Strength Steel
Near-Threshold Fatigue Crack Propagation in Ultra-High Strength Steel: Influence of Load Ratio and Cyclic Strength **MT 195**

Unconventional Fuels
The NOx Emission Levels of Unconventional Fuels for Gas Turbines (77-GT-16) **P 575**

Underground Coal Gasification
The Mechanical Properties of the Pittsburgh Coal at Elevated Temperatures (76-Pet-55) **PVT 192**

Underground Heat Sources
Thermal Traces of a Buried Heat Source **HT 47**

Underground Reservoirs
The Estimation of Aquifer Properties from Reservoir Performance in Water-Drive Fields (76-Pet-49) **PVT 345**

Undersea Structures
Pseudo-Cylindrical Shells: a New Concept for Undersea Structures (76-WA/OcE-6) **I 485**

Underwater Applications
Cable Kinking Analysis and Prevention (76-WA/DE-4) **I 112**
Spherical Sector Windows With Restrained Edge for Undersea Applications (76-WA/OcE-3) **I 459**

Underwater Visibility
Spherical Acrylic Plastic Hulls Under External Explosive Loading (76-WA/OcE-4) **I 469**

Underwood, F. N. Numerical Study of the Steady Axisymmetric Flow Through a Disk-Type Prosthetic Heart Valve in a Constant Diameter Chamber **BE 91**

Uniaxial Compression
Design of a Viscoelastic Dynamic Absorber for Machine Tool Applications (76-WA/Prod-20) **I 620**

Uniform Ambients
Prediction of Turbulent Forced Plumes Issuing Vertically Into Stratified or Uniform Ambients **HT 99**

Uniform Distributed Elements
An Efficient Simulation Method for Distributed Lumped Fluid Networks (76-WA/Fics-1) **DS 34**

Uniform Outlet Velocity Profiles
An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers With Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) **F 357**

Uniform Pressure Loading
Efficient C° Finite-Element Solution of Simply Supported Plates of Polygonal Shape (BN) **AM 347**

Uniform Wall Temperatures
Heat Transfer to Water in Downward Flow in a Uniform Wall Temperature Vertical Tube at Low Graetz Numbers **HT 586**

Uniform Wall Thickness
Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) **I 685**

Unny, T. E. Analysis of Heat Transfer by Natural Convection Across Vertical Fluid Layers (76-HT-37) **HT 287**: Free Convection Heat Transfer Across Inclined Honeycomb Panels **HT 86**

Unstable Dynamical Systems
Nonlinear Behavior of Flutter Unstable Dynamical Systems With Gyroscopic and Circulatory Forces **AM 755**
Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) **AM 322**

Unstable Flow
Prediction of Oscillation Frequencies for Unstable Flow Past Cavities (76-WA/FE-17) **F 294**. (D) **F 299**. (AC) **F 300**

Unsteady Aerodynamics
An Experimental Determination of the Unsteady Aerodynamics in a Controlled Oscillating Cascade (76-GT-17) **P 88**

Unsteady Cascade Flow
A New Approach to the Experimental Study of Turbomachinery Flow Phenomena (76-GT-47) **P 97**

Unsteady Flow
Measurements of Quasi-Steady and Unsteady Flow Effects in a Supersonic Compressor Stage (77-GT-13) **P 537**
Steady and Unsteady Flow in Noncircular Straight Ducts **AM 1**

Unsteady Flow Separation
Pulsatile Blood Flow in a Channel of Small Exponential Divergence—III. Unsteady Flow Separation **F 333**

Unsteady Fluid Dynamics
Measurement of Unsteady Fluid Dynamic Phenomena (BR) **DS 220**
Some Current Research in Unsteady Fluid Dynamics—The 1976 Freeman Scholar Lecture **F 8**

Unsteady Lift
The Response of Turbomachine Blades to Low Frequency Inlet Distortions (76-GT-19) **P 195**

Unsteady Supersonic Cascades
Further Developments in the Aerodynamic Analysis of Unsteady Supersonic Cascades—Part 1: The Unsteady Pressure Field (77-GT-44) **P 509**. Part 2: Aerodynamic Response Predictions (77-GT-45) **P517**

Unsworth, A. On the Natural Lubrication of Synovial Joints: Normal and Degenerate (D) **L 172**. (AC) **L 173**

Unsymmetric Angle Ply
Finite Deflections of Unsymmetric Angle-Ply Anisotropic Rectangular Plate Under Edge Moments (BN) **AM 171**

Unsymmetrical Cross Sections
A Note on the Pure Bending of Unsymmetrical Prismatic Beams (BN) **AM 344**

Upadhyay, P. C. On the Dynamic Expansion of a Circular Hole in an Infinite Plate (77-WA/APM-21) **AM 577**

Upper Bounds
A Simple Bound on the Asymptotic Pressure in a Spherical Cavity, Surrounded by an Infinite Elasto-Plastic Medium (BN) **AM 507**

Upstream Flow Processes
Effect of Upstream Flow Processes on Hydrodynamic Development in a Duct **F 556**

Urabe, Y. Further Dynamic Finite Element Analysis of the Tapered DCB Specimen **MT 324**

Uram, E. M. A Method for Estimating Steam Hammer Effects on Swing-Check Valves During Closure (76-JPGC-Pwr-6) **P 437**

Utsunomiya, K. The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) **HT 257**

V

Vachon, R. I. Heat Transfer in Micropolar Laminar Radial Channel Flow (IN) **HT 684**

Vachon, W. A. The Application of Greenhill's Formula to Cable Hockling (D) (AC) **AM 361**

Vadasz, A. F. Gross Motion Analysis of Planar Linkages With Application to a Geared Five-Bar (76-DET-31) **I 674**

Vahaviolos, S. J. Thermal Analysis of Capacitor Discharge Welding and its Correlation With Observed Stress Wave Emission (SWE) **MT 379**

Valentin, R. A. Dynamic Plastic Response of an Immersed Pipe (77-PVP-8) **PVT 563**

Valve Disk Dynamics
A Method for Estimating Steam Hammer Effects on Swing-Check Valves During Closure (76-JPGC-Pwr-6) **P 437**

Valving
Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) **P 399**. (D) **P 404**. (AC) **P 405**

van Alphen, G. W. H. M. The Elasticity of Sclera and Choroid of the Human Eye, and Its Implications on Scleral Rigidity and Accommodation **BE 203**

van der Heijden, A. Timoshenko Beam Theory Is Not Always More Accurate Than Elementary Beam Theory (D) **AM 357-359**. (AC) **AM 359**

Van Der Sluys, W. A. Fracture Toughness Properties of SA540 Steels for Nuclear Bolting Applications **PVT 419**. Determination of Stress Intensity Factors for Gradient Stress Fields (76-WA/PVP-10) **PVT 477**

Van Dixhoorn, J. J. Simulation of Bond Graphs on Minicomputers **DS 9**

van Leeuwen, H. Journal Bearing Impedance Descriptions for Rotordynamic Applications (76-Lub-24) **L 198**. (D) **L 211, 214**. (AC) **L 214**

Van Zanten, D. C. Bunker Design—Part 2: Wall Pressures in Mass Flow **I 814**. Part 3: Wall Pressures and Flow Patterns in Funnel Flow **I 819**. Part 4: Recommendations **I 824**

Vaneless Diffusers
Asymmetric Flow in Vaneless Diffusers of Centrifugal Blowers **F 104**. (D) **F 111, 112**. (AC) **F 113**

Vapor Bubbles
Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) **HT 392**

Vaporizing Droplets
Dynamics of a Vaporizing Droplet in Laminar Entry Region of a Straight Channel (77-HT-40) **HT 574**

Vara Prasad, C. M. An Investigation on the Diffusion of Momentum and Mass of Fuel in a Diesel Fuel Spray (76-DGP-1) **P 225**. (D) **P 235**. (AC) **P 236**

Variable Cross Sections
Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) **PVT 367**

Variable Density
The Effect of Thermal Diffusion on Flow Stability Between Two Rotating Cylinders **L 319**

Variable Meshing Stiffnesses
Dynamic Stability of a Two-Stage Gear Train Under the Influence of Variable Meshing Stiffnesses **I 785**

Variable Nozzle Power Turbines
Aerothermodynamic Performance of a Variable Nozzle Power Turbine Stage for an Automotive Gas Turbine (77-GT-95) **P 587**

Variable-Ratio Transmissions
A Two-Path Variable-Ratio Transmission With an Extended Range of Ratios (76-DET-37) **I 656**

Variable Time Steps
Variable Time Steps for Simulating Transient Liquid Flow by Method of Characteristics (TB) **F 259**

Variational Methods
Direct Variational Methods and Eigenvalue Problems in Engineering (BR) **AM 800**

Varney, A. M. Erosion of Powder Metallurgy Aluminum Alloys by Hot Propellant Gases (76-Mat-L) **MT 36**

Vascular Disease
Experimental Investigations of Steady and Pulsatile Laminar Flow in a 90° Branch **AM 372**

Vasko, J. S. An Experimental Study of the Fluid Dynamics of Multiple Noncritical Stenoses **BE 74**

Vatsa, V. N. Quasi-Three-Dimensional Laminar Boundary-Layer Separations in Supersonic Flow **F 634**. (D) (AC) **F 639**

Vaughan, D. A. Corrosion and Deposits from Combustion of Solid Waste—Part V: Firing of Refuse With High-Sulfur Coal (76-WA/CD-1) **P 449**. (D) **P 455**. (AC) **P 458**

Vaughn, E. A. The Effects of Fiber Properties and Preparation on Trash Removal and Properties of Open-End Cotton Yarns (76-Tex-7) **I 71**

V-Belt Drives
Mechanical Efficiency of a Variable-Speed, Fixed-Center, V-Belt Drive (TB) **I 806**

Vector Analysis
Vector Analysis of Finite Rigid Rotations (BN) **AM 501**

Vector Methods
On Cage-Plane Motion (76-DET-2) **I 662**

Vector-Network Methods
Dynamic Simulation of Planar Mechanical Systems With Lubricated Bearing Clearances Using Vector-Network Methods (76-WA/DE-16) **I 131**; (D) (AC) **I 918**

Vector Variables
Coordination Concepts in Multilevel Hierarchical Differential Games **DS 201**

Vehicle Fleets
A Computer Simulation Model for Determining Fleet Size and Composition (76-WA/Mgt-1) **I 157**

Vehicle Follower
Vehicle-Follower Longitudinal Control for Automated Transit Vehicles **DS 241**

Vehicle-Follower Control
Vehicle-Follower Control With Variable-Gains for Short Headway Automated Guideway Transit Systems **DS 183**

Vehicle Guideways
Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) **DS 23**

Vehicles
Periodic Motion of Vehicles on Flexible Guideways **DS 268**

Veldkamp, G. R. On Cage-Plane Motion (76-DET-2) **I 662**

Velocity
An Investigation on the Diffusion of Momentum and Mass of Fuel in a Diesel Fuel Spray (76-DGP-1) **P 225**; (D) **P 235**; (AC) **P 236**

Velocity Distribution
A Note on Velocity Distribution in Semi-Open Channels (D) **F 426**
Velocity Distribution in an Abruptly Expanding Circular Duct **F 226**; (D) (AC) **F 606**

Velocity Fields
An Experimental Investigation of the Plume Velocity Field Above a Horizontal Line Heat Source **HT 609**
Prediction of the Three-Dimensional Velocity Field of a Deflected Turbulent Jet **F 758**

Velocity Profiles
An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers With Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) **F 357**

Velocity Wave Forms
Measurements of Velocity Wave Forms in the Dog Aorta (D) **F 262**; (AC) **F 263**; (D) **F 606, 607**; (AC) **F 607**

Velsher, B. Stochastic Characterization of Macro- and Microerrors of Journal Bearing Roundness (76-DET-51) **I 327**; (D) **I 334**; (AC) **I 335**

Veluswami, M. A. Shape and Frequency Composition of Pulses From an Impact Pair (D) (AC) **I 917**

Vent Pipe Systems
Steam Flow Through Safety Valve Vent Pipes (D) **F 264**; (AC) **F 265**

Vepa, K. Heat Exchanger Design Considerations for Gas Turbine HTGR Power Plant (76-GT-53) **P 237**

Verdon, J. M. Further Developments in the Aerodynamic Analysis of Unsteady Supersonic Cascades—Part 1: The Unsteady Pressure Field (77-GT-44) **P 509**; Part 2: Aerodynamic Response Predictions (77-GT-45) **P 517**

Vertical Buoyant Jets
Prediction of Turbulent Forced Plumes Issuing Vertically Into Stratified or Uniform Ambients **HT 99**

Vertical Flat Plates
Free Convection Along A Nonisothermal Vertical Flat Plate (75-WA/HT-15) **HT 72**

Vertical Forces
Wheel/Rail Vertical Forces in High-Speed Railway Operation (77-RT-1) **I 849**

Vertical Heated Surfaces
Application of a K-ε Turbulence Model to Natural Convection From a Vertical Isothermal Surface (76-HT-17) **HT 79**

Vertical Isothermal Tubes
Heat Transfer Controlled Collapse of a Cylindrical Vapor Bubble in a Vertical Isothermal Tube (76-WA/HT-24) **HT 392**

Vertical Plates
The Effect of Noncondensable Gas on Film Condensation Along a Vertical Plate in an Enclosed Chamber (76-WA/HT-66) **HT 257**
An Experimental Study of Natural Convection Mass Transfer Along a Vertical Plate With Surface Injection (76-HT-14) **HT 446**
Free Convection Effects on the Stokes Problem for an Infinite Vertical Plate (TN) **HT 499**

Vertical Surfaces
Analysis of Conduction-Controlled Rewetting of a Vertical Surface (D) (AC) **HT 502**

Vertical Tubes
Heat Transfer to Water in Downward Flow in a Uniform Wall Temperature Vertical Tube at Low Graetz Numbers **HT 586**

Vertices
Blunting of a Plane Strain Crack Tip Into a Shape With Vertices **MT 290**

Vessel Heads
Stress and Buckling of Internally Pressurized, Elastic-Plastic Torispherical Vessel Heads—Comparisons of Test and Theory (76-PVP-23) **PVT 39**

Vessels
Characterization of Fracture in Vessels and Piping (76-WA/PVP-2) **PVT 144**

Veuillot, J.-P. Calculation of the Quasi Three-Dimensional Flow in a Turbomachine Blade Row (76-GT-56) **P 53**

Vibration
Experiments on Buckling and Vibration of Superconducting Coils (77-WA/APM-28) **AM 707**
Flow-Induced Vibration (BR) **AM 802**
Shock and Vibration Computer Programs, Reviews and Summaries (BR) **AM 367**
Shock and Vibration Handbook (BR) **AM 364**
Stiffened Plates: Bending, Stability and Vibrations (BR) **AM 516**
A Theorem on the Free Vibration of Damped Systems (77-APM-6) **AM 132**
Transverse Vibration of a Uniform Simply Supported Timoshenko Beam Without Transverse Deflection (D) (AC) **AM 362**
Vibration of a Group of Circular Cylinders in a Confined Fluid (77-APM-16) **AM 213**
Vibrations and Dynamic Response of Viscoelastic Plates on Nonperiodic Elastic Supports (76-DE-H) **I 404**
Vibration and Stability of Spinning Annular Plates Reinforced With Edge Beams (BN) **AM 499**

Vibration Isolation
On Some Problems Associated With Vibration Isolation of Ship Machinery (76-DE-A) **I 24**

Vibration Systems
Decoupling of Undamped Vibration Systems (77-PVP-7) **PVT 553**

Vibrational Characteristics
Vibrational Characteristics of Ball Bearings (76-Lub-8) **L 284**; (D) **L 288, 289**; (AC) **L 289**

Vibratory-Bowl Feeders
Analysis of Feeding and Orienting Systems for Automatic Assembly—Part 2: Vibratory-Bowl Feeding Systems (76-WA/Prod-39) **I 308**
Natural Resting Aspects of Parts for Automatic Handling (76-WA/Prod-40) **I 314**

Vidyanidhi, V. An Analysis of Steady Fully Developed Heat Transfer in A Rotating Straight Pipe (TN) **HT 148**

Viegelahn, G. L. Edge Effect Influence on Magnetoelastic Buckling of Rectangular Plates (77-APM-17) **AM 305**

Vilenius, M. J. Dynamics of an Electrohydraulic Stepping Motor (TB) **DS 63**

Vinson, J. R. Analysis of Adhesively Bonded Joints Between Panels of Composite Materials (77-APM-1) **AM 101**; *(author)* Composite Materials and Their Use in Structures (BR) **AM 189**

Virtual Mass
The Virtual Mass of a Sphere Moving Toward a Plane Wall (BN) **AM 166**

Viscid Flow
Three-Dimensional Flow Field in Rocket Pump Inducers Part 2: Three-Dimensional Viscid Flow Analysis, and Hot Wire Data on Three-Dimensional Mean Flow and Turbulence Inside the Rotor Passage (75-WA/FE-21) **F 176**

Viscid Fluids
On the Calculation of Three-Dimensional Divergent and Rotational Flow in Turbomachines **F 187**

Viscoelastic Dynamic Absorbers
Design of a Viscoelastic Dynamic Absorber for Machine Tool Applications (76-WA/Prod-20) **I 620**

Viscoelastic Materials
Creep and Relaxation of Nonlinear Viscoelastic Materials with an Introduction to Linear Viscoelasticity (BR) **AM 364**

Viscoelastic Plates
Traveling Loads on Viscoelastic Plates on Nonlinear Foundations **AM 677**
Vibrations and Dynamic Response of Viscoelastic Plates on Nonperiodic Elastic Supports (76-DE-H) **I 404**

Viscoelastic Timoshenko Beams
Traveling Loads on a Viscoelastic Timoshenko Beam (BN) **AM 183**

Viscoplastic Beams
The Viscoplastic Bending of Copper-Nickel and Steel Tubing **MT 387**

Viscoplastics
Critical Velocity for Collapse of Viscoplastic Cylindrical Shells Without Buckling **AM 89**

Viscosity
Revised International Representations for the Viscosity of Water and Steam and New Representations for the Surface Tension of Water **P 664**

Viscous Damped Bearings
Analytical and Experimental Investigation of the Stability of Intershaft Squeeze Film Dampers—Part 1: Demonstration of Instability (76-GT-55) **P 47**

Viscous Damping
The Effect of Viscous Damping on Spin Stability of a Rigid Body With a Fixed Point (BN) **AM 349**

Viscous Drag
Continuous Extrusion by Viscous Drag (76-Mat-Z) **MT 52**

Viscous Flow
Laminar Incompressible Viscous Flow in Curved Ducts of Regular Cross-Sections **F 640**
Numerical Modeling of Unsteady, Separated Viscous Flow **F 657**

Viscous Shock Layers
Hypersonic Viscous Shock Layer Calculation of Leeward Vortex-Induced Heat Transfer on a Sharp Cone at a High Angle of Attack (76-HT-43) **HT 307**

Viswanath, S. Influence of Material Orthotropy on the State of Stress Around a Circular Hole in a Cylindrical Shell (76-WA/PVP-5) **PVT 454**

Vitiated Air
A Simple Gas Turbine Combustor NOx Correlation Including the Effect of Vitiated Air (76-GT-5) **P 145**; (Er) **P 481**

Vitreous Surgery
Instrument Design for Vitreous Surgery via the Pars Plana (77-WA/Bio-1) **BE 209**

Vliet, G. C. Natural Convection Mass Transfer at Salt-Brine Interfaces (76-HT-33) **HT 603**

Void Fraction
Void Fraction Measurement With a Rotating Electric Field Conductance Gauge (TN) **HT 330**

Void Nucleation
Continuum Theory of Ductile Rupture by Void Nucleation and Growth: Part I—Yield Criteria and Flow Rules for Porous Ductile Media (76-Mat-CC) **MT 2**

Voids
Review of the Mechanical Properties of Cast Steels With Emphasis on Fatigue Behavior and the Influence of Microdiscontinuities **MT 329**

Volume-Fraction Distributions
The Correlation of Drop-Size Distributions in Fuel Nozzle Sprays—Part I: The Drop-Size/Volume-Fraction Distribution (76-WA/GT-9) **P 309**

von Mises Yield Condition
Plastic Wave Speeds in Isotropically Work-Hardening Materials (77-APM-13) **AM 68**

Vortex Arrays
Resistance of a Closely Spaced Row of Cylinders (BN) **AM 177**

Vortex Excited Oscillations
Vortex Excited Oscillations of Yawed Circular Cylinders (76-WA/FE-16) **F 495**; (D) **F 501**; (AC) **F 502**

Vortex Nozzle Facility
The Effect of Rotor Blade Wakes on Centrifugal Compressor Diffuser Performance—A Comparative Experiment **F 45**; (D) **F 50-52**; (AC) **F 52**

Vortex Shedding
A Brief Review of Flow Induced Vibrations of Tube Arrays in Cross-Flow (76-WA/FE-21) **F 517**

Vortex Stretching
Vortex Stretching Due to Shear Layer Instability (76-WA/Flcs-11) **F 240**; (D) (AC) **F 243**

Vorticity
Laminar Incompressible Recirculating Flow in a Driven Cavity of Polar Cross Section (TB) **F 774**

Vorticity Disturbances
Free-Stream Vorticity Distrubances Adjusting to the Presence of a Plate—A Quarter-Plane Problem **AM 529**

W

Wada, H. Forced Vibrations of a Mass Connected to an Elastic Half Space by a Spring (BN) **AM 788**

Wahi, M. K. Heat Transfer to Flowing Gas-Solid Mixtures (TN) **HT 145**

Wake-Induced Flutter

On Wake-Induced Flutter of a Circular Cylinder in the Wake of Another (77-APM-28) **AM 194**

Wakes

An Experimental Study of Three-Dimensional Characteristics of Propeller Wakes Under Stalling Conditions **F 745**

Waldron, K. J. Graphical Solution of the Branch and Order Problems of Linkage Synthesis for Multiply Separated Positions (76-DET-16) **I 591**

Walker, B. H. Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) **PVT 367**

Walker, G. Stirling Engines With a Chemically Reactive Working Fluid—Some Thermodynamic Effects **P 284**

Walker, J. S. Pulse Propagation in Fluid-Filled Tubes (77-APM-7) **AM 31**

Walker, K. A Note on Convective Instabilities in Boussinesq Fluids and Porous Media (TN) **HT 338**

Wall Capacitance

Transient Convective Heat Transfer for Laminar Boundary Layer Flow With Effects of Wall Capacitance and Resistance **HT 513**

Wall Channels

Heat/Mass Transfer Characteristics for Flow in a Corrugated Wall Channel **HT 187**

Heat Transfer and Fluid Flow Analysis of Interrupted-Wall Channels, With Application to Heat Exchangers **HT 4**

Wall Heating

The Influence of Heating on the Stability of Laminar Boundary Layers Along Concave Curved Walls (77-APM-4) **AM 11**

Wall Pressures

Bunker Design—Part 1: Bunker Outlet Design and Initial Measurements of Wall Pressures **I 809**; Part 2: Wall Pressures in Mass Flow **I 814**; Part 3: Wall Pressures and Flow Patterns in Funnel Flow **I 819**; Part 4: Recommendations **I 824**

Wall Shear Stress

Direct Measurement of Wall Shear Stress With Mass Transfer in a Low Speed Boundary Layer **F 580**; (D) **F 784**; (AC) **F 785**

Wall Shear Stress Fluctuations

Properties of Wall Shear Stress Fluctuations in a Turbulent Duct Flow **AM 389**

Wall Stress

Roughness Element Geometry Required for Wind Tunnel Simulations of the Atmospheric Wind (76-WA/FE-18) **F 480**

Wall Structures

Heat Conduction in a Stack of Parallelograms Separated by Thin Partition Walls (TN) **HT 127**

Wall Temperatures

Heat Transfer to Water in Downward Flow in a Uniform Wall Temperature Vertical Tube at Low Graetz Numbers **HT 586**

Wall Thickness Products

Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) **I 685**

Wallis, G. B. Conditions for a Pipe to Run Full When Discharging Liquid Into a Space Filled With Gas **F 405**

Walowit, J. A. *(author)* Modern Developments in Lubrication Mechanics (BR) **L 304**

Walsh, E. K. Small-Amplitude Wave Behavior in One-Dimensional Granular Solids **AM 559**

Wang, C. P. *(reviewer)* Principles and Practice of Laser-Doppler Anemometry (BR) **AM 518**

Wang, I-C. Thermal Stresses Induced into Two Plane Strain Sectors Having Different Material Properties (76-PVP-36) **PVT 26**

Wang, J. C. F. Fan Inlet Disturbances and Their Effect on Static Acoustic Data (77-GT-63) **P 608**

Wang, R. C. C. Transient Convective Heat Transfer for Laminar Boundary Layer Flow With Effects of Wall Capacitance and Resistance **HT 513**

Wanheim, T. Optimum Design of Ribbon and Wire Wound Cylinders for Metal Forming Dies (76-WA/Prod-28) **I 733**

Ward, A. L. Creep and Rupture Behavior of Weld-Deposited Type 16-8-2 Stainless Steel at 593°C **MT 159**

Ward, E. Dawson Filtered Sequential Regression Parameter Identification Applied to a Gas Turbine Engine Model **DS 253**

Warner, D. E. Filtered Sequential Regression Parameter Indentification Applied to a Gas Turbine Engine Model **DS 253**

Warren Beams

Rigidity Analysis and Optimization of Warren Beams in Torsion (76-WA/Prod-32) **I 269**

Warren, W. E. Stress Concentrations Between Two Rigid Spheres (BN) **AM 340**

Warzinski, R. P. Chemical Cleaning of Coal (76-WA/APC-2) **P 361**

Watanabe, I. An Experimental Study of Surge in Centrifugal Compressors (D) **F 129**; (AC) **F 130**

Watanabe, O. Flexibility and Stress Factors of Pipe Bends—An Analysis by the Finite Ring Method (76-PVP-40) **PVT 281**

Water

Flashing Flow of Initially Subcooled Water in Convergent-Divergent Nozzles (76-HT-12) **HT 263**; (Er) **HT 647**

Frequency Response of a Tube Bundle in Water (TB) **F 416**

Heat Transfer to Water in Downward Flow in a Uniform Wall Temperature Vertical Tube at Low Graetz Numbers **HT 586**

Incipient Boiling Characteristics at Atmospheric and Subatmospheric Pressures **HT 398**

Revised International Representations for the Viscosity of Water and Steam and New Representations for the Surface Tension of Water **P 664**

Water-Drive Fields

The Estimation of Aquifer Properties from Reservoir Performance in Water-Drive Fields (76-Pet-49) **PVT 345**

Water Film Flow

An Experimental Study of Heat Transfer to Developing Water Film Flow Over Cylinders (TN) **HT 152**

Water Layers

A Criterion of Onset of Free Convection in a Horizontal Melted Water Layer With Free Surface **HT 92**

Water Pipes

The Effect of Cooling Rate on the Formation of Dendritic Ice in a Pipe With No Main Flow **HT 419**

Water Quality Measurements

Optimal Control of a Partially Time Lagged River Aeration System Subject to Random Disturbances **DS 193**

Water Vapor

Spectral Absorption of Water Vapor and Carbon Dioxide Mixtures in the 2.7 Micron Band **HT 53**

Water Waves

Some Characteristics of High Waves in Closed Channels Approaching Kelvin-Helmholtz Instability (77-FE-15) **F 339**

Water Waves in a Nonhomogeneous Incompressible Fluid (77-WA/APM-27) **AM 523**

Waterhammer Theory

Pulse Propagation in Fluid-Filled Tubes (77-APM-7) **AM 31**

Watson, J. D. Tool-Life Distributions—Part 1: Single-Injury Tool-Life Model (76-WA/Prod-36) **I 519**; (D) **I 528**; (AC) **I 531**

Watson, M. L. Recursive Least-Squares Time Domain Identification of Structural Parameters **AM 135**

Wattmeters

Power Input to Weaving Looms Driving Motors (76-Tex-5) **I 65**

Watts Bar Nuclear Plant (TVA)

Sustained Fast Valving Applied to Tennessee Valley Authority's Watts Bar Nuclear Units (76-JPGC-Pwr-5) **P 399**; (D) **P 404**; (AC) **P 405**

Waugh, D. The Effect of Plastic Strain Followed by Aging on the Elastic Limit of Quenched and Tempered and Austempered 4340 Steel (TB) **MT 393**

Wave Convection

An Analysis of Wave Convection of Rolling Bodies **I 835**

Wave Equations

Integrable Generalized Wave Equations Exhibiting a Hypoelastic Compressible Rate-Sensitive Material Flow (77-WA/APM-2) **AM 419**; (Er) **AM 803**

Wave Forms

Measurements of Velocity Wave Form in the Dog Aorta (D) **F 606, 607**; (AC) **F 607**

Wave Propagation

Application of Elastic Waves in Electrical Devices, Nondestructive Testing, and Seismology (BR) **AM 800**

On the Momentum Correction Factor in Pulsatile Blood Flow (BN) **AM 343**

A Parabolic Theory of Stress Wave Propagation Through Inhomogeneous Linearly Elastic Solids **AM 462**

Selected Topics in Wave Propagation (BR) **AM 518**

Small-Amplitude Wave Behavior in One-Dimensional Granular Solids **AM 559**

Torsional Wave Propagation in Inhomogeneous Elastic Cylinders (BN) **AM 355**

On Wave Propagation in Particulate Suspensions (BN) **AM 354**

Wave Speed

A Variable Wave Speed Technique for the Steady-State Analysis of Low-Clearance Gas Bearings (76-Lub-17) **L 339**; (D) **L 344**; (AC) **L 345**

Waves

An Approximate Method of Analysis of the Transmission of Elastic Waves Through a Frictional Boundary **AM 652**

Inverse Solutions for One-Dimensional Seismic Waves in Elastic, Inhomogeneous Media **AM 469**

Weak Nonlinearities

Response of Three Oscillators Coupled by a Weak Nonlinearity (77-APM-5) **AM 141**

Wear

Delamination Wear of Dispersion-Hardened Alloys (76-WA/Prod-29) **I 289**

Adhesive Wear of Polymers **L 396**

Erosive-Corrosive Wear of Copper (TB) **L 302**

Fracture and Wear as Factors Affecting Stochastic Tool-Life Models and Machining Economics (75-WA/Prod-8) **I 281**; (D) (AC) **I 508**

Friction and Wear of Glass and Carbon Fiber-Filled Thermoplastic Polymers **L 408**

Friction and Wear of Sintered Fibermetal Abradable Seal Materials **L 421**

Tool Life Variation and Its Influence on the Development of Tool Life Models (76-WA/Prod-1) **I 578**

Wear of Abrasives in Simulated Hot Grinding **L 415**

Wear—A Critical Synoptic View **L 387**

Wear Mechanism of Unidirectionally Oriented Fiber-Reinforced Plastics **L 401**

"The Wear of Non-Metallic Materials" 3rd Leeds-Lyon Symposium on Tribology—Leeds, U.K., September 1976 (FR) **L 147**

Wear-Out Failures

Average Life of Equipment Subject to Compound Failures (76-PEM-A) **I 431**

Wear-Reducing Additives

Reduction of Heat Transfer to Gun Barrels by Wear-Reducing Additives (D) (AC) **HT 158**

Wear Scars

The Optimal Wearpath Principle (76-Lub-28) **L 236**; (D) **L 244, 245**; (AC) **L 245**

Weaver, D. S. Fluid Elastic Whirling of Tube Rows and Tube Arrays (D) (AC) **F 461**

Weaving Looms

Power Input to Weaving Looms Driving Motors (76-Tex-5) **I 65**

Weber, H. E. An Optimum Stepped Piston for Cylinders Working With Compressible Fluid (D) (AC) **F 427**

Webster, J. Thermal Stress Effects and Surface Cracking Associated With Laser Use on Human Teeth (77-WA/Bio-3) **BE 189**

Wedekind, G. L. An Experimental and Theoretical Investigation Into Thermally Governed Transient Flow Surges in Two-Phase Condensing Flow **HT 561**

Wedge Indentation

On Wedge Indentation and Its Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) **I 702**

Wedge-Shaped Blades

Local Mass Transfer From Rotating Wedge-Shaped Blades **HT 634**

Wedge-Shaped Dies

Analysis of Plane-Strain Extrusion Through Arbitrarily Shaped Dies Using Flow Function (76-WA/Prod-21) **I 754**

Wei, R. P. *(editor)* Linear Fracture Mechanics (BR) **AM 367**

Weibull, Waloddi

Waloddi Weibull—90 Years Young on June 18, 1977 **MT 193**

Weight Minimization Problems

On a Minimum Weight Disk Design Problem (BN) **AM 506**

Weighted Residuals

A Residual Method With Lagrange Multipliers for Transient Heat Conduction Problems (TN) **HT 495**

Weihs, D. Resistance of a Closely Spaced Row of Cylinders (BN) **AM 177**; Thermal Traces of a Buried

Heat Source **HT 47**

Weinbaum, S. Singular Perturbation Theory for Melting or Freezing in Finite Domains Initially Not at the Fusion Temperature **AM 25**

Weinmann, K. J. Review of Materials Processing Literature 1973-1975 German Language Literature—Part 1: Metal Forming **I 889**; Part 2: Metal Removal **I 896**; On Wedge Indentation and Its Relationship With Incipient Plastic Deformation in Metal Cutting (76-WA/Prod-18) **I 702**

Weinstock, H. Influence of Axle Load, Track Gage, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) **I 186**

Weirich, W. E. An Experimental and Theoretical Investigation of Hypothermia in Dogs **BE 195**

Weiss, M. P. The Use of Classification Zones for Fatigue Behavior in Steels (76-Mat-Y) **MT 23**

Weiss, V. X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) **MT 110**

Weitsman, Y. Effects of Fluctuating Moisture and Temperature on the Mechanical Response of Resin-Plates **AM 571**

Welch, D. L. Fast Burst Reactor Burst Rod Adaptor Failure Analysis (76-WA/Mat-7) **MT 86**

Welch, R. E. Analysis of Thermal Stresses and Residual Stress Changes in Railroad Wheels Caused by Severe Drag Braking (75-WA/RT-3) **I 18**

Weld-Deposited Stainless Steel
Creep and Rupture Behavior of Weld-Deposited Type 16-8-2 Stainless Steel at 593° C **MT 159**

Welded Blower Fan Assembly
Failure of a Welded Blower Fan Assembly (76-WA/Mat-2) **MT 83**

Weld Joints
High Temperature Thermal-Elastic Analysis of Dissimilar Metal Transition Joints (76-Mat-BB) **MT 65**

Welding
Plane Stress Fields Induced by Moving Heat Sources in Butt-Welding **AM 231**

Welding Phenomena
The Frictional Mechanism on the Surface of Metal Being Plastically Deformed by Drawing (76-WA/Prod-22) **I 242**

Wellbores
Three-Dimensional Force and Deflection Analysis of a Variable Cross Section Drill String (76-Pet-48) **PVT 367**

Weller, T. Experimental Studies on the Buckling Under Axial Compression of Integrally Stringer-Stiffened Circular Cylindrical Shells **AM 721**

Wells, M. K. Blood Velocity Patterns in Coronary Arteries **BE 26**

Wene, R. W. High Velocity Impact Calculations in Three Dimensions (D) **AM 793**; (AC) **AM 794**

Weng, G. J. Derivation of Polycrystal Creep Properties From the Creep Data of Single Crystals (77-APM-8) **AM 73**

Werle, M. J. Quasi-Three-Dimensional Laminar Boundary-Layer Separations in Supersonic Flow **F 634**; (D) (AC) **F 639**

Wesenberg, D. L. Dynamic Fracture of 6061-T6 Aluminum Cylinders (77-WA/APM-14) **AM 643**; Elastic-Plastic Response of Simply Supported 1018 Steel Beams to Impulse Loads (BN) **AM 779**

Wet Bulb Temperatures
The Effect of Heat Transfer Coefficient, Local Wet Bulb Temperature and Droplet Size Distribution Function on the Thermal Performance of Sprays **HT 381**

Wetzel-Morrow Approach
A Study of the Low Cycle Fatigue Characteristics of Annealed AISI 347 Stainless Steel and Overaged 6951-T6 Aluminum Push-Pull Specimens (76-WA/GT-12) **P 391**

Wheel Chatter
On The Doubly Regenerative Stability of a Grinder: The Combined Effect of Wheel and Workpiece Speed (D) (AC) **I 921**

On The Doubly Regenerative Stability of a Grinder: The Combined Effect of Wheel and Workpiece Speed (D) (AC) **I 921**

Wheel/Rail Contact
Influence of Nonlinear Wheel/Rail Contact Geometry on Stability of Rail Vehicles (D) **I 923, 924**; (AC) **I 925**

Wheel/Rail Contact Geometry
Influence of Nonlinear Wheel/Rail Contact Geometry on Stability of Rail Vehicles (76-WA/RT-2) **I 172**

Wheel/Rail Forces
Wheel/Rail Vertical Forces in High-Speed Railway Operation (77-RT-1) **I 849**

Wheel-Shaft Bearing Systems
Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) **AM 322**

Wheel Speed
On the Doubly Regenerative Stability of a Grinder: the Combined Effect of Wheel and Workpiece Speed (76-WA/Prod-19) **I 237**

Wheelsets
Hunting Stability of Rail Vehicles with Torsionally Flexible Wheelsets (75-WA/RT-2) **I 10**

Influence of Axle Load, Track Gage, and Wheel Profile on Rail-Vehicle Hunting (76-WA/RT-3) **I 186**; (D) **I 926**; (AC) **I 927**

Whirl Stability
Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) **AM 322**

Whirling
Fluid Elastic Whirling of Tube Rows and Tube Arrays (76-WA/FE-26) **F 457**; (D) (AC) **F 461**

Whirling Instability
A Note on the Phase Relationships Involved in the Whirling Instability in Tube Arrays **F 727**; (D) **F 730**; (AC) **F 731**

Whistler Nozzle
Increased Turbulent Jet Mixing Rates Obtained by Self-Excited Acoustic Oscillations (77-FE-18) **F 520**

White, G. A Two-Path Variable-Ratio Transmission With an Extended Range of Ratios (76-DET-37) **I 656**

White, J. W. A Variable Wave Speed Technique for the Steady-State Analysis of Low-Clearance Gas Bearings (76-Lub-17) **L 339**; (D) **L 344**; (AC) **L 345**

Whitelaw, J. H. *(author)* The Accuracy of Flow Measurements by Laser-Doppler Methods (BR) **DS 220**; Principles and Practice of Laser-Doppler Anemometry (BR) **AM 518**

Whitney, D. E. Force Feedback Control of Manipulator Fine Motions **DS 91**

Wicket Gate System
"IRIS" A Computerized High Head Pump Turbine Design System (76-WA/FE-12) **F 567**; (D) **F 577, 578**; (AC) **F 579**

Wide-Band Random Stresses
Fatigue Under Wide Band Random Stresses Using the Rain-Flow Method **MT 205**

Wide Gage
An Investigation of Factors Contributing to Wide Gage on Tangent Railroad Track (75-WA/RT-1) **I 1**

Wiederhorn, S. M. Effect of Hydrothermal Environments on the Erosion of Castable Refractories (76-WA/Mat-4) **MT 143**

Wiener-Hopf Technique
Elastodynamic Stress-Intensity Factors for a Semi-Infinite Crack Under 3-D Loading (77-APM-25) **AM 243**

Fully Plastic Asymmetric Edge Crack Under Longitudinal Shear (77-APM-15) **AM 255**

Wiggert, D. C. Analysis of Early-Time Transient Heat Conduction by Method of Characteristics **HT 35**

Wilcock, D. F. Design of Efficient Turbulent Thrust Bearings (76-Lub-29) **L 113**; The Fluid Pivot Journal Bearing (D) **L 127**; (AC) **L 128**; Vibrational Characteristics of Ball Bearings (76-Lub-8) **L 284**; (D) **L 288, 289**; (AC) **L 289**; "The Wear of Non-Metallic Materials" 3rd Leeds-Lyon Symposium on Tribology—Leeds, U.K., September 1976 (FR) **L 147**

Wilcox, P. L. An Initial Approach to the Design of Very Wide Angle Axisymmetric Diffusers With Gauzes to Achieve Uniform Outlet Velocity Profiles (76-WA/FE-3) **F 357**

Wilhem, D. P. A J-Integral Approach to Crack Resistance for Aluminum, Steel, and Titanium Alloys **MT 97**

Wilkins, M. L. High Velocity Impact Calculations in Three Dimensions (D) **AM 793**; (AC) **AM 794**

Williams, J. J. Experimental and Predicted Recovery Temperature Distributions in a Rocket Nozzle With Gaseous Film Cooling **HT 386**

Willis, T. Linear Bending of an Orthotropic Rectangular Sandwich Plate (TB) **I 913**; Optical Measurement of Oil Film Thickness Between Rollers (76-Lub-10) **L 290**; (D) (AC) **L 294**

Willmert, K. D. Optimum Design of a Complex Planar Mechanism (76-DET-47) **I 539**

Wilshaw, T. R. *(author)* Fracture of Brittle Solids (BR) **AM 517**

Wilson, A. D. Fatigue Crack Propagation in A533B Steels (76-WA/PVP-6) **PVT 459**

Wilson, W. R. D. The Transport and Breakdown of Solid Lubricants in a Simple Forging Operation (76-Lub-16) **L 230**; (D) **L 234**; (AC) **L 235**; Workpiece Surface Roughening in a Hydrodynamically Lubricated Metal Forming Process (76-Lub-15) **L 10**

Wind-Driven Circulation
A Three Dimensional Rigid-Lid Model for Closed Basins (76-WA/HT-21) **HT 656**

Wind Power Generation
Lift on a Rotating Porous Cylinder **F 753**

Wind Tunnel Contractions
Design of Two-Dimensional Wind Tunnel Contractions (76-WA/FE-4) **F 371**; (D) (AC) **F 377**

Wind Tunnel Walls
Effect of Wind-Tunnel Walls on the Flow Past Circular Cylinders and Cooling Tower Models (76-WA/FE-20) **F 470**; (D) (AC) **F 785**

Wind Tunnels
Boundary-Layer Instability Observations at Mach Number 7 **AM 7**

A Method for the Construction of Flow Nozzles and Wind Tunnel Contraction Sections (TB) **F 772**

Roughness Element Geometry Required for Wind Tunnel Simulations of the Atmospheric Wind (76-WA/FE-18) **F 480**

Winer, W. O. Effects of Load, Speed, and Surface Roughness on Sliding EHD Contact Temperatures (76-Lub-23) **L 254**; (D) **L 261**; (AC) **L 262**; Isothermal Elastohydrodynamic Lubrication of Point Contacts: Part III—Fully Flooded Results (D) **L 275**; (AC) **L 276**

Wing Surfaces
Aerodynamic Characteristics of a Retangular Wing With a Tip Clearance in a Channel **AM 541**

Winn, L. W. Vibrational Characteristics of Ball Bearings (76-Lub-8) **L 284**; (D) **L 288, 289**; (AC) **L 289**

Winter, D. C. Blood Velocity Patterns in Coronary Arteries **BE 26**

Winzenried, R. W. Seals for Geothermal Roller Drill Bits (77-Pet-53) **PVT 614**

Wire Cables
Axial Impact of Twisted Wire Cables (77-APM-2) **AM 127**

Wire Manufacturing
Cut-Forming: A New Method of Producing Wire (76-WA/Prod-12) **I 225**

Wire-Rope Pendants
Overload Effects on Fatigue Damage of Wire-Rope Pendants (TB) **MT 277**

Wire-Wound Cylinders
Optimum Design of Ribbon and Wire Wound Cylinders for Metal Forming Dies (76-WA/Prod-28) **I 733**

Wirsching, P. H. Fatigue Under Wide Band Random Stresses Using the Rain-Flow Method **MT 205**

Wiseman, J. V. Recursive Algorithms for Routh Test in Continuous and Discrete Time **DS 146**

Wisler, D. C. Shock Wave and Flow Velocity Measurements in a High Speed Fan Rotor Using the Laser Velocimeter (76-GT-49) **P 181**; (D) (AC) **P 188**

Wislicenus, G. F. "IRIS" A Computerized High Head Pump Turbine Design System (D) **F 577**; (AC) **F 579**

Witham, C. R. An Improved Symbolic Manipulation Technique for the Simulation of Nonlinear Dynamic Systems With Mixed Time-Varying and Constant Terms **DS 157**

Wnek, K. Delay Effects in a Pressure Vessel Material—5083-O Aluminum (76-WA/PVP-1) **PVT 427**

Wolak, J. Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) **MT 147**

Wood, A. D. Torsional Wave Propagation in Inhomogeneous Elastic Cylinders (BN) **AM 355**

Wood, H. J. Estimation of Centrifugal Compressor Stability With Diffuser Loss-Range System (D) (AC) **F 82**; Impeller Stalling as Influenced by Diffusion Limitations (D) **F 96**; (AC) **F 97**; Letter to the Editor **F 3**

Wood, N. B. Measurements of Velocity Wave Form in the Dog Aorta (D) **F 606, 607**; (AC) **F 607**

Woodward, R. L. Determination of Plastic Contact Length Between Chip and Tool in Machining (TB) **I 802**

Work Hardening
An Improved Method for Numerical Integration of Constitutive Equations of the Work Hardening-Recovery Type (TB) **MT 275**

Work-Hardening Materials
Fully Plastic Asymmetric Edge Crack Under Longitudinal Shear (77-APM-15) **AM 255**

Plastic Wave Speeds in Isotropically Work-Hardening Materials (77-APM-13) **AM 68**

Working Fluids

Stirling Engines With a Chemically Reactive Working Fluid—Some Thermodynamic Effects **P 284**

Workpiece Speed

On the Doubly-Regenerative Stability of a Grinder: the Combined Effect of Wheel and Workpiece Speed (76-WA/Prod-19) **I 237**

Workpiece Surface Roughness

Workpiece Surface Roughening in a Hydrodynamically Lubricated Metal Forming Process (76-Lub-15) **L 10**

Worm, P. Parameters Affecting the Velocity of Particles in an Abrasive Jet (76-WA/Mat-6) **MT 147**

Wormley, D. N. Dynamic Interactions Between Vehicles and Elevated, Flexible Randomly Irregular Guideways (76-WA/Aut-2) **DS 23**. An Efficient Simulation Method for Distributed Lumped Fluid Networks (76-WA/Flcs-1) **DS 34**

Worn Casing

Collapse of Worn Casing (76-Pet-51) **PVT 208**

Wright, R. N. Plane-Strain Deformation Processing Limits in Unidirectionally Reinforced Composites (TB) **MT 94**

Wrought Aluminum Alloys

Erosion of Powder Metallurgy Aluminum Alloys by Hot Propellant Gases (76-Mat-L) **MT 36**

Wu, C. L. S. A Determination of Contact-Loss at a Bearing of a Linkage Mechanism (76-DET-43) **I 375**. (D) **I 379**. (AC) **I 380**

Wu, E. M. A High-Order Theory of Plate Deformation—Part 1: Homogeneous Plates (77-WA/APM-23) **AM 663**. Part 2: Laminated Plates (77-WA/APM-24) **AM 669**

Wu, E.-R. Gas-Lubricated Porous Bearings—Short Journal Bearings, Steady-State Solution (76-Lub-32) **L 331**. (D) (AC) **L 338**

Wu, H.-C. Experimental Investigation of the Angled Elliptic Notch Problem in Tension (77-WA/APM-6) **AM 455**. Finite Elastic Deformation for a Class of Soft Biological Tissues **BE 98**

Wu, J. N. C. Seismic Design Study on Cantilever Cylindrical Shells (77-PVP-14) **PVT 600**

Wu, S. M. Dynamic Data System: A New Modeling Approach (76-WA/Prod-24) **I 708**. Investigation of Spiking in Electron Beam Welding Using Stationary Stochastic Models (76-WA/Prod-10) **I 323**. A New Approach to the Analysis of Machine-Tool System Stability Under Working Conditions (76-Wa/Prod-11) **I 585**. Stochastic Geometry of Anisotropic Random Surfaces With Application to Coated Abrasives (76-Wa/Prod-9) **I 218**

Wu, W. Probabilistic Aspects of Designing With Ceramics (77-GT-41) **P 617**

Wullaert, R. A. A Methodology for Evaluating the Variability in Fracture Properties of Ferritic Nuclear Pressure Vessel Steels (76-WA/PVP-9) **PVT 470**

Wyler, J. S. Practical Method for Estimating Number of Test Readings Required (D) **P 36**

X

X-ray Data

Correlation of Spectrographic Oil Analysis Data With SEM and X-Ray Data by Direct Examination of Particles in Hydraulic Oils (76-Lub-22) **L 152**. (D) **L 156**. (AC) **L 157**

X-ray Diffraction

X-Ray Diffraction Study of Low Cycle Fatigue Damage in Plain Carbon Steel (76-WA/Mat-10) **MT 110**

Y

Yamaba, R. Heavy Section Steel Plates for Reactor Pressure Vessels Produced by Basic Oxygen Process (76-PVP-56) **PVT 314**

Yang, A. T. Application of Instantaneous Invariants to the Analysis and Synthesis of Mechanisms (76-DET-12) **I 97**

Yang, H. C. Antiplane Strain Problems of an Elliptic Inclusion in an Anisotropic Medium **AM 437**

Yang, K. T. An Experimental Study of Natural Convection Mass Transfer Along a Vertical Plate With Surface Injection (76-HT-14) **HT 446**. Mass Diffusion from a Point Source in a Neutral Turbulent Shear Layer **HT 433**

Yang, T. M. High Temperature Thermal-Elastic Analysis of Dissimilar Metal Transition Joints (76-Mat-BB) **MT 65**

Yao, L. S. Buoyancy Cross-Flow Effects on Longitudinal Boundary Layer Flow Along a Heated Horizontal Hollow Cylinder (TN) **HT 122**

Yao, R. F. Experimental Investigation of the Angled Elliptic Notch Problem in Tension (77-WA/APM-6) **AM 455**

Yawed Cylinders

Vortex Excited Oscillations of Yawed Circular Cylinders (76-WA/FE-16) **F 495**. (D) **F 501**. (AC) **F 502**

Yedidiah, S. Theoretical Investigation of Pressure Distributions Along the Surfaces of a Thin Blade of Arbitrary Geometry of a Two-Dimensional Centrifugal Pump Impeller (D) **F 789**. (AC) **F 790**

Yee, H. C. Determination of Global Regions of Asymptotic Stability for Difference Dynamical Systems **AM 147**

Yen, N. Response of Three Oscillators Coupled by a Weak Nonlinearity (77-APM-5) **AM 141**

Yeung, K. S. Analysis of Thermal Stresses and Residual Stress Changes in Railroad Wheels Caused by Severe Drag Braking (75-WA/RT-3) **I 18**

Yew, C. H. Longitudinal Waves in Fiber-Reinforced Composite at Low and High Frequency Ranges (BN) **AM 492**

Yield Criteria

Continuum Theory of Ductile Rupture by Void Nucleation and Growth: Part I—Yield Criteria and Flow Rules for Porous Ductile Media (76-Mat-CC) **MT 2**

Yield Predictions

Prediction of Yield in Ductile Materials Operating at Creep Temperatures (76-WA/GT-11) **P 425**

Yim, A. Freezing-Controlled Penetration of a Saturated Liquid Into a Cold Tube **HT 233**

Yip, M. C. Experimental Investigation of the Angled Elliptic Notch Problem in Tension (77-WA/APM-6) **AM 455**

Yoder, G. R. Enhancement of Fatigue Crack Growth and Fracture Resistance in Ti-6Al-4V and Ti-6Al-6V-2Sn Through Microstructural Modification **MT 313**

Yosifon, S. Hydroforming Process for Uniform Wall Thickness Products (76-WA/Prod-13) **I 685**

Young, D. R. In-Vivo Bone Strain Telemetry in Monkeys *(M. Nemestrina)* **BE 104**

Young, J. P. Particle Erosion Measurements on Metals (76-WA/Mat-1) **MT 121**

Young, L. R. Impeller Stalling as Influenced by Diffusion Limitations (D) **F 94**. (AC) **F 97**. The Time Domain of Centrifugal Compressor and Pump Stability and Surge **F 53**. (D) **F 59–61**. (AC) **F 62**

Younger, F. C. Whirl Stability of the Pendulously Supported Flywheel System (77-APM-20) **AM 322**

Yu, C. L. Derivation of Polycrystal Creep Properties From the Creep Data of Single Crystals (77-APM-8) **AM 73**

Yu, F. T. S. A Dynamic Optical Correlation Technique for Fatigue Failure Prediction **MT 229**

Yu, J. S. An Approximate Analysis of Laminar Dispersion in Circular Tubes (Er) **AM 188**

Z

Zaki, G. M. Analysis of Conduction-Controlled Rewetting of a Vertical Surface (D) (AC) **HT 502**

Zamma, J. Data-Based Computer System for Pressure Vessel Design (76-PVP-63) **PVT 337**

Zamora, M. Prediction of Drilling Mud Rheology Using a Simplified Herschel-Bulkley Model **PVT 485**

Zamrik, S. Y. The Effect of Stress Ratio on Fatigue Crack Growth in a Biaxial Stress Field (76-PVP-37) **PVT 137**. Multiaxial Low-Cycle Fatigue of Type 304 Stainless Steel (D) **MT 283**. (AC) **MT 285**

Zare, K. The Possible Motions of a Rigid Body With One Fixed Point **AM 329**

Zarling, J. P. Application of Schwarz-Neumann Technique to Fully Developed Laminar Heat Transfer in Noncircular Ducts (TN) **HT 332**

Zdeblick, W. J. Tool Life Variation and Its Influence on the Development of Tool Life Models (76-WA/Prod-1) **I 578**

Zdravkovich, M. M. REVIEW—Review of Flow Interference Between Two Circular Cylinders in Various Arrangements **F 618**

Zhukhovitskii, E. M. *(author)* Convective Stability of Incompressible Fluids (BR) **AM 516**

Zielsdorff, G. F. A J-Integral Approach to Crack Resistance for Aluminum, Steel, and Titanium Alloys **MT 97**

Ziv, M. Integrable Generalized Wave Equations Exhibiting a Hypoelastic Compressible Rate Sensitive Material Flow (77-WA/APM-2) **AM 419**. (Er) **AM 803**

Zogaib, A. J. Javelin Dynamics Including Body Interaction (BN) **AM 496**

Zorzi, E. S. Finite Element Simulation of Rotor-Bearing Systems With Internal Damping (76-GT-89) **P 71**

Zudans, Z. Implicit and Explicit Computational Schemes in Dynamic Plasticity (76-PVP-B) **PVT 394**

Zweben, C. H. Composites in Pressure Vessels and Piping (PVP-PB-021) **PVT 515**